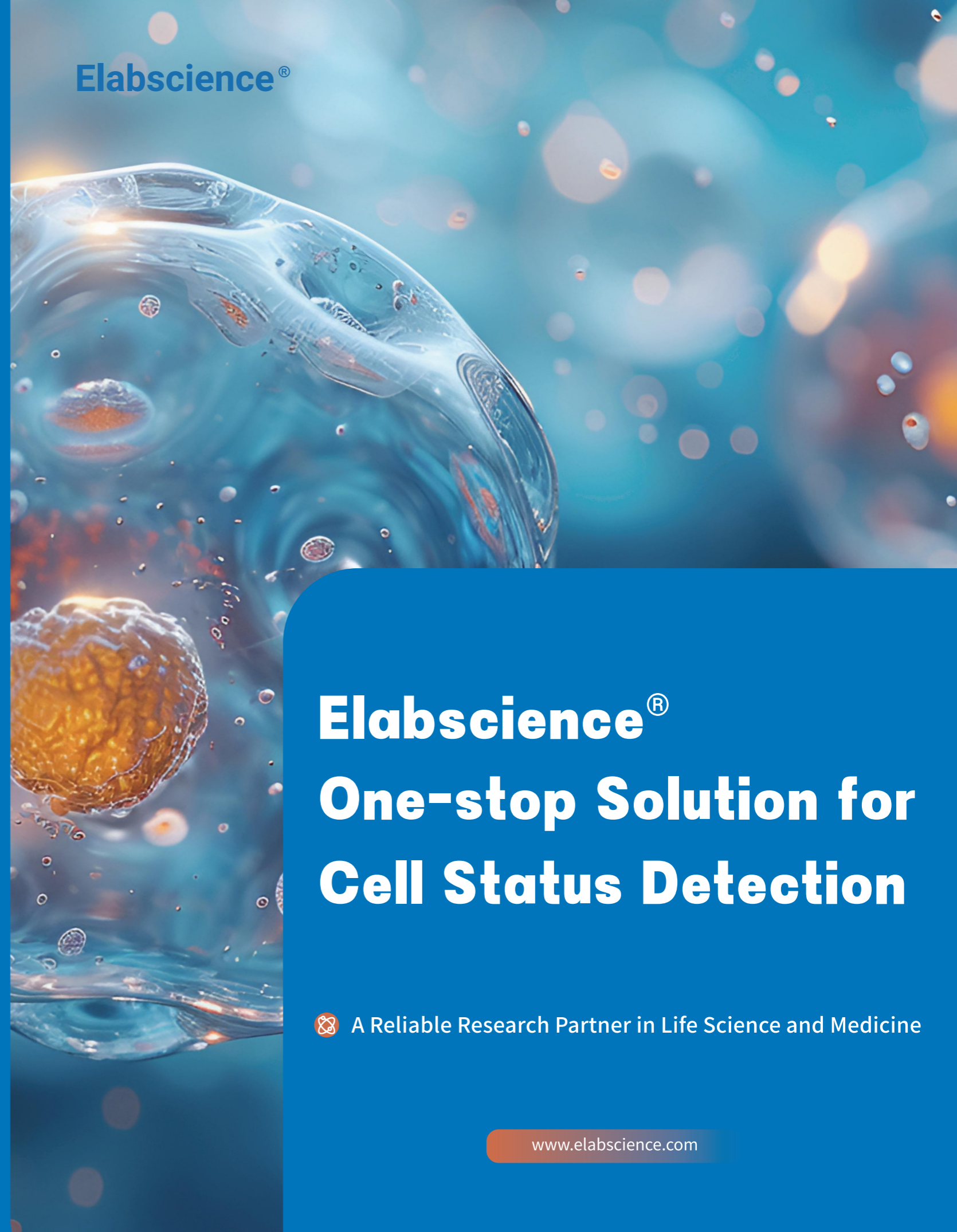


Elabscience®





Elabscience® One-stop Solution for Cell Status Detection

 A Reliable Research Partner in Life Science and Medicine

Elabscience Bionovation Inc.

 Toll-free: 1-888-852-8623

 Tel: 1-832-243-6086

 Fax: 1-832-243-6017

 Web: www.elabscience.com

 Email: orders@elabscience.com; techsupport@elabscience.com

www.elabscience.com

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Elabscience® Introduction

Expertise in Cell Status Detection, Providing One-stop Solution

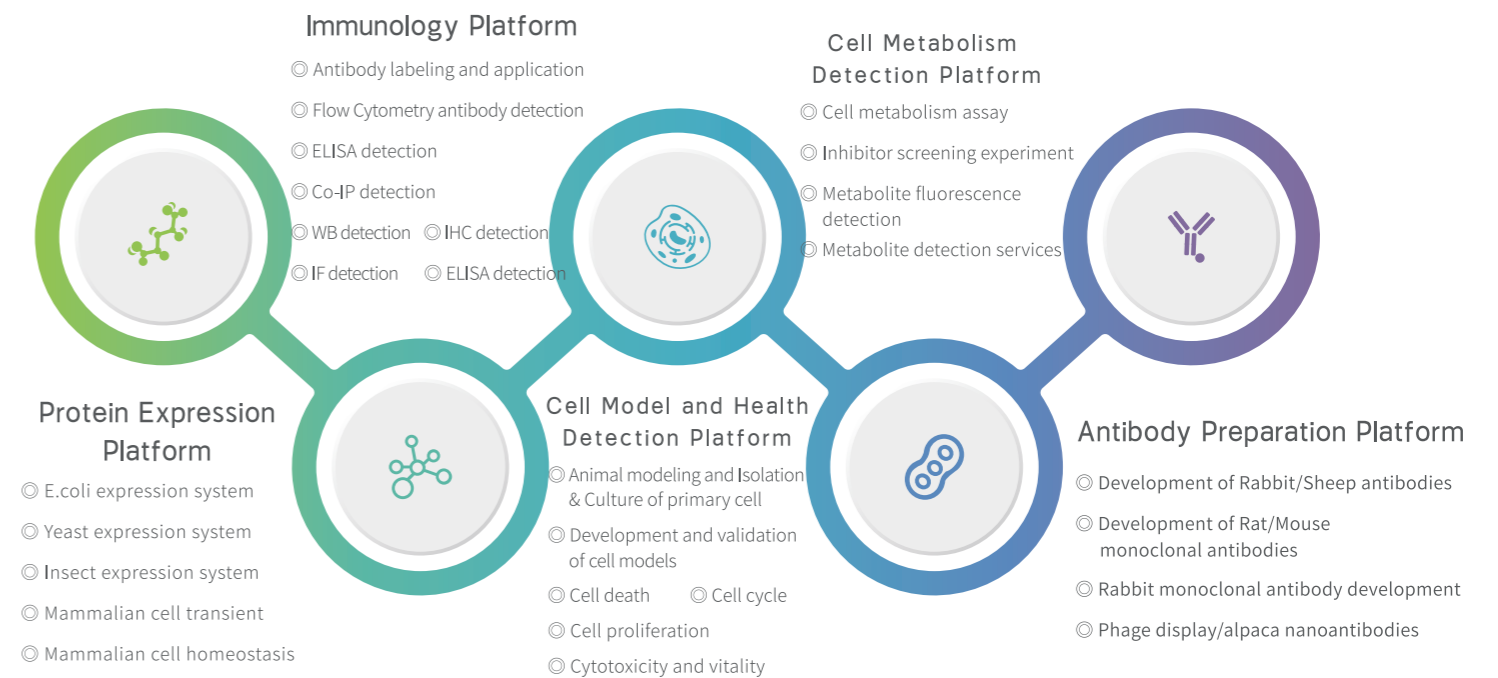
Elabscience® stands at the forefront of biotechnology innovation, expertly combining independent design, R&D, manufacturing, and sales to deliver premier reagents and services for cell detection research. Our diverse product portfolio includes advanced solutions for detecting membrane and intracellular proteins (Flow cytometry antibodies), secreted proteins (ELISA kits), cell glycolipid metabolic intermediates and inorganic salts (Metabolism Assays), and comprehensive assessments of cellular function and health (Cell Apoptosis Assay, Cell cycle Assay, Cell Proliferation /Cytotoxicity/Viability).

To keep pace with the rapid advancements in research, we are dedicated to the continuous development of cutting-edge antibody and protein reagents, ensuring that our products evolve to meet the latest scientific needs. Our commitment extends beyond cell detection to include sophisticated cell isolation and characterization, empowering researchers to tackle the most complex challenges in cell biology. We pride ourselves on maintaining stringent quality control for every product, enhancing the accuracy and reliability of your experimental results. Our relentless pursuit of excellence since 2009 has established our presence in over 150 countries and regions worldwide.

Elabscience® is dedicated to addressing the evolving challenges in life sciences and healthcare. With a focus on delivering competitive, innovative solutions and driven by an unwavering commitment to excellence, we strive to be your trusted research partner in life sciences and medicine.

20,800 + Citations	1,000 + Cooperation Units	150 + Countries Worldwide	5 Technical Platforms
------------------------------	-------------------------------------	-------------------------------------	---------------------------------

■ Technical Platforms Provide Customers with Comprehensive Cell Detection-related Products and Services



Elabscience® capitalizes on its comprehensive strengths within the biotechnology value chain to create five specialized technical platforms. With a focus on innovative R&D and stringent quality assurance, Elabscience® provides researchers worldwide with high-quality, dependable experimental tools and scientific support.

■ One-stop Services, from Pre-sales to After-sales, from Products to Experimental Solutions



R&D Team

Specialized in advanced cell detection projects, we focus on the cutting-edge market, empowering customers to achieve high-level scientific and technological innovations and transformations.



Customer Service Team

24-hour online response, professional service.



Technical Team

A technical team composed of over 100 professionals with advanced practical experience provides solutions for customers' needs.



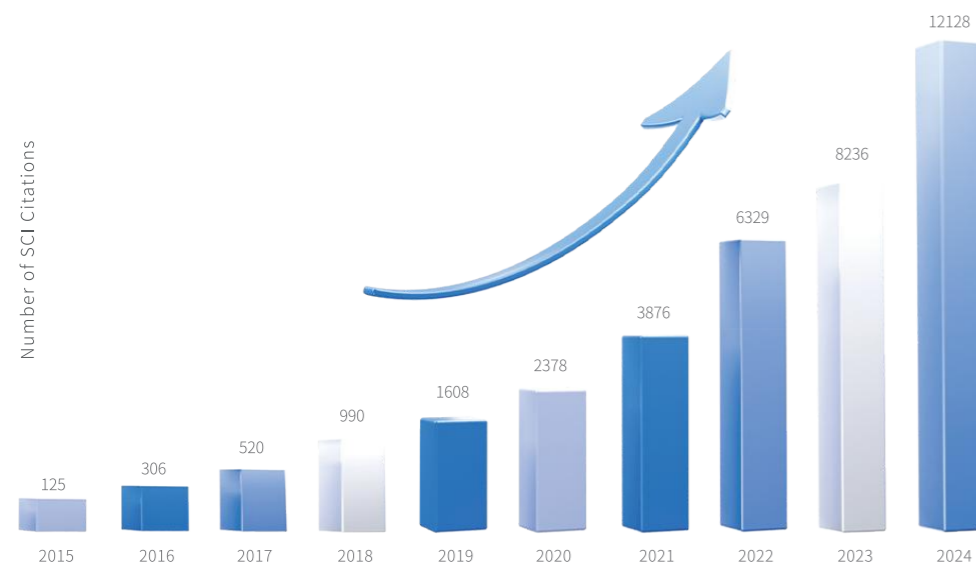
Sales Team

Understand the needs of distributors and academic community promptly and provide the best market solutions.

■ Internationally Certified with Assured Quality



■ Products Cited in 20,800+ SCI Literatures



Elabscience® SCI Citation Trends in 10 Years

20,800+

SCI Citations

100,000+

Cumulative Impact Factor

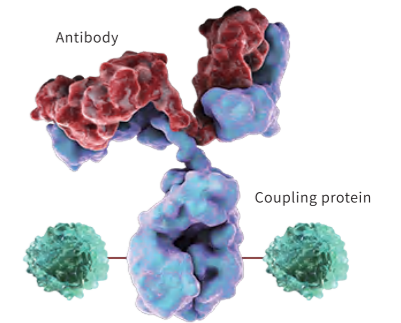
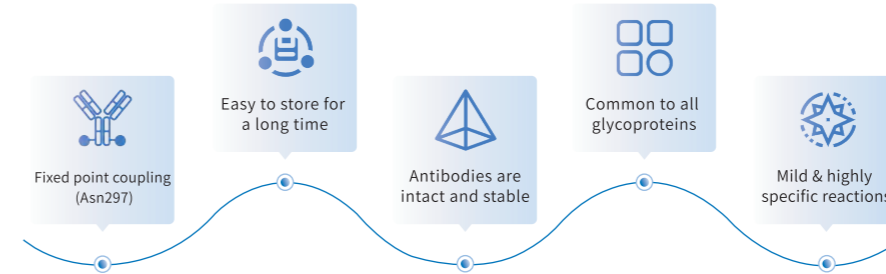
82.9

Highest Impact Factor

■ Based on Self-developed Platforms, We Consistently Generate Technological Innovation and Create Core Technologies

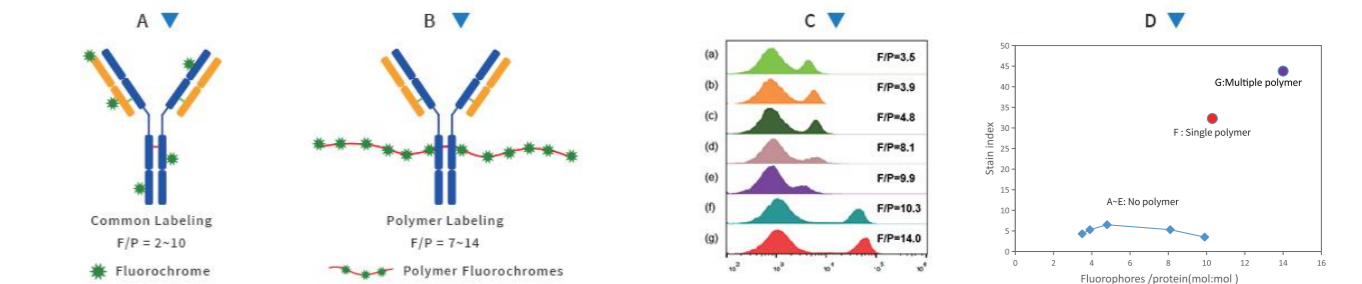
© Protein Labeling Process Upgrade Iteration: Complex biochemical labeling simplified into building blocks

Upgraded to the 4th Generation: Enzymatic Glycosyl Click Coupling



© Fluorochrome Polymer Labeling: Based on a multi-arm long chain skeleton with high brightness labeling

Single point polymerized dye, directional labeling



▲ Random Labeling

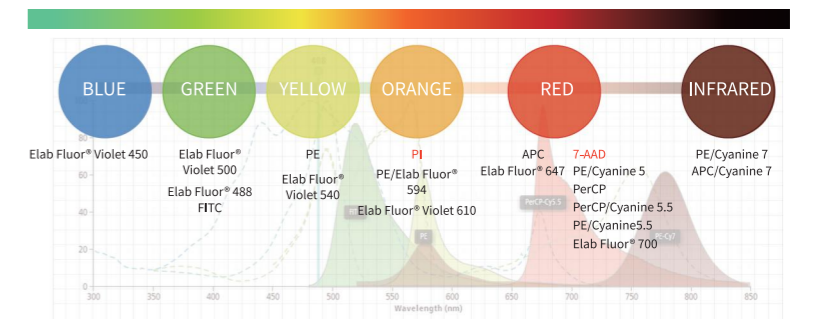
▲ Poly-dyes with Directional Labeling

▲ Change of Staining Index with F/P Ratio

© Series Dye Labeling: Realizing the color world under single wavelength excitation

Features

- Self-developed fluorochrome synthesis series and labeling technology
- Lower laser requirements for multi-color detection with Flow Cytometers



■ Providing Reliable and Efficient Products and Solutions that are Always Based on Client's Needs



Scientifically Validated

Repeatedly cited in *Nature*, *Medicine*, and *Cell*



Convenient

One-stop products and services for customers



Globally Trusted

Elabscience® has become a globally renowned supplier



Convenient Services

Technical support provides solutions around-the-clock service

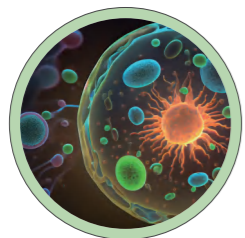
Product Line Introduction

Expertise in Cell Status Detection, Providing One-stop Solution

Elabscience® conglomeration delivers innovative products with the easy of a built-in global supply chain. The organization possesses remarkable technology, an impeccable R&D system, adherence to QC standards, and provides both reliable products and services to distributors and researchers, alike.

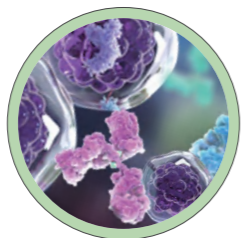
Component Detection

Flow Antibody and Related Reagent



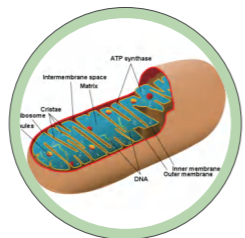
- Cell Surface Marker
- Intracellular Marker
- Intranuclear Marker
- Flow Cytometry Staining Kits
- Magnetic Bead Sorting Products

ELISA Kit



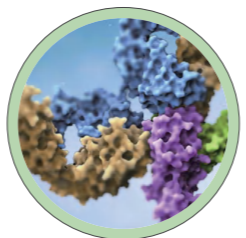
- Cytokines
- Intracellular Protein

Cell Metabolism Assay



- Glycolysis & Lipid
- Amino Acids & Proteins
- Inorganic Ions

Protein & Antibody Related Reagent

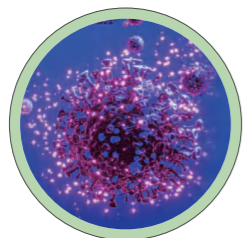


- WB Detection
- IHC Detection
- IF Detection
- IP/Co-IP

Function status affects the component level

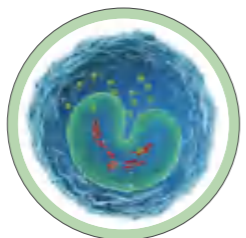
Health Detection

Cell Death



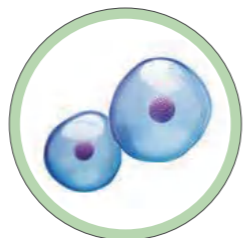
- Apoptosis
- Pyrodeath
- Cuproptosis
- Ferroptosis
- Disulfidptosis

Cell Proliferation




- CFSE
- EdU
- CCK-8

Cell Viability/Toxicity



- MTT
- CCK-8
- DHL
- Calcein AM/PI

Cell Cycle



- Cell Cycle (Red)
- Cell Cycle (Blue)
- Cell Cycle (Green)

Flow Cytometry Antibodies

A Trustworthy Supplier of Flow Cytometry Antibodies

Over the last 8 years, Elabscience® has developed over 4,000 Flow Cytometry Antibodies, covering anti-human, rat, mouse, etc., with a wide range of markers to meet customer needs for Flow Cytometry detection. Elabscience® also provides necessary reagents for Flow Cytometry experiments, including isotype controls, fluorochromes, labeling kits, and reagents for intracellular marker detection, such as membrane permeability, cell stimulation, and protein transport markers.

Color-Intense Markers and 17 Kinds of Fluorochromes to Meet the Diversity of Flow Cytometry Detection Needs

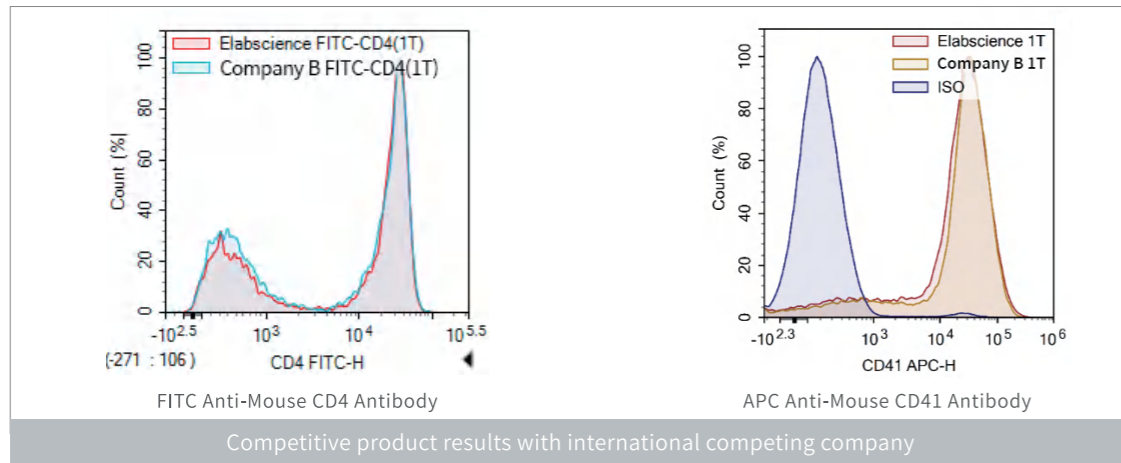
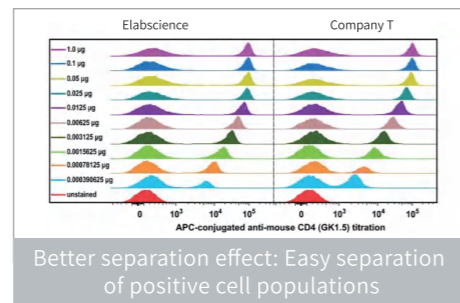
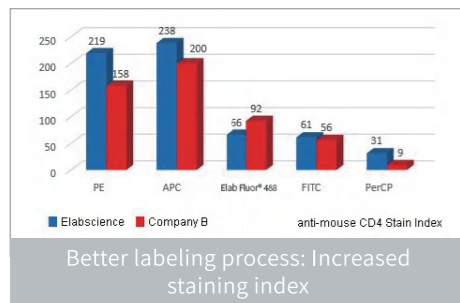
© There are 17 fluorochromes available, and more fluorochrome-labeled Flow Cytometry Antibodies are coming to the market.

Elab Fluor® Violet 450	Elab Fluor® Violet 540	Elab Fluor® Violet 610	PE/Cyanine 5	PE/Cyanine 5.5		
Elab Fluor® 488	Elab Fluor® Violet 500	PE/Elab Fluor® 594	Elab Fluor® 647	PerCP/Cyanine 5.5		
FITC	PE	APC	Elab Fluor® 700	PerCP	Elab Fluor® Red 780	PE/Cyanine 7

© We Have selected classic clones, that are highly cited in citations as the source of Flow Cytometry Antibodies, allows Elabscience to provide abundant markers to our customers.

<p>CD68 CD69 CD117/c-Kit CD19 CD80 CD45 CD73 HLA-DR CD4 CD206/MMR CD25 CD90 CD14 CD3 CD11b CD274/PD-L1 CD163 CD34 HLA-A,B,C CD86 CD16 IFN-γ IL-17A CD56/NCAM CD105 CD44</p> <p>Anti-Human</p>	<p>CD45 Foxp3 CD3 CD29 CD47 CD71 CD45RA CD8a CD4(domain-1) CD44H CD90 CD161</p> <p>Anti-Rat</p>	<p>CD3ε CD25 CD44 CD3 CD19 CD38 CD62L CD150/SLAM IL-4 CD4 CD49/pan-NK cells Ly6C IFN-γ CD274/PD-L1 F4/80 CD45 IL-17A Ly6A/E(Sca-1) CD80 CD11b CD16/32 CD206/MMR CD163 CD11c Ly6G/Ly6C(Gr-1) CD163 CD86 CD117/c-Kit Foxp3 CD8a CD161/NK1.1 MHC II(I-A/I-E)</p> <p>Anti-Mouse</p>
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Reliable Quality through Fixed Point Non-Destructive Labeling Technology



High IF Citations

Since the launch of the Flow Cytometry Antibody series in 2018, the number of citations using Elabscience® Flow Cytometry Antibodies have steadily increased. By December 2024, there were 500 high-impact articles published, with 137 articles having an impact factor ≥ 10 , and the highest impact factor being 37.8 (*Circulation*). The growing number of citations highlight the increasing recognition of Elabscience® Flow Cytometry Antibodies among researchers.

IF=37.8	IF=37.2	IF=29.4	IF=28.1	IF=27.7
· PE Anti-Mouse CD54	· APC Anti-Mouse CD8a · PE Anti-Mouse CD25 · FITC Anti-Mouse Foxp3 · PE Anti-Mouse F4/80 · Biotin Anti-Mouse CD31 · APC Anti-Mouse Ly6C · Purified Anti-Mouse CD16/32 · APC Anti-Mouse F4/80	· PE/Cyanine7 Anti-Mouse CD45 · APC Anti-Mouse CD80 · PE Anti-Mouse CD86 · FITC Anti-Mouse CD8a · PE Anti-Mouse CD4 · PE/Cyanine5.5 Anti-Mouse/Human CD11b · FITC Anti-Mouse MHC II (I-A/I-E)	· PE/Cyanine7 Anti-Mouse CD11c	· APC Anti-Mouse Ly-6G /Ly-6C (Gr-1) · PE Anti-Mouse/Human CD11b



Elabscience® Featured Flow Cytometry Antibodies

Cell Type	Reactivity	Maker
T Cell	Human	CD3-PE, CD4-FITC, CD8a-APC
	Mouse	CD3-PE, CD4-FITC, CD8a-APC
B Cell	Human	CD3-FITC, CD19-APC
	Mouse	CD3-FITC, CD19-APC
NK Cell	Human	CD45-APC, CD3-FITC, CD16-PE, CD56-PE
	BALB/c Mouse	CD3-FITC, CD49b-APC
	C57BL/6 Mouse	CD3-FITC, NK1.1-APC
Th1/Th2 Cell	Human	CD3-Per/Cyanine5.5, CD4-FITC, IFN- γ -PE, IL-4-APC
	Mouse	CD3-Per/Cyanine5.5, CD4-FITC, IFN- γ -PE, IL-4-APC
Th17 Cell	Human	CD3-Per/Cyanine5.5, CD4-FITC, IL-17A-PE
	Mouse	CD3-Per/Cyanine5.5, CD4-FITC, IL-17A-PE
Treg Cell	Human	CD4-FITC, CD25-PE, CD127-APC
	Mouse	CD4-FITC, CD25-PE, FOXP3-APC

For more phenotype, please visit our website: www.elabscience.com.

Elabscience® Labeling Kits and Related Products

Elabscience® currently offers 20 labeling kits, including 15 fluorochrome labeling kits and 5 biotin labeling kits, each available in three ultrafiltration tube sizes to meet different protein/antibody labeling needs.

Fluorochrome

Cyanine 3	Cyanine 5	Cyanine 7	Cyanine 5.5	Elab Fluor® 430
Elab Fluor® 680	Elab Fluor® 488	Elab Fluor® 700	Elab Fluor® 568	Elab Fluor® 750
Elab Fluor® 594	Elab Fluor® Violet 450	Elab Fluor® 647	FITC	Elab Fluor® 780

Biotin

- Chromogenic Biotin
- Biotin
- Long-arm Biotin
- Water-soluble Biotin
- Water-soluble Long-arm Biotin

BSA Removal Kit

Cat. No.	Product Name	Size
E-LK-R002	BSA Removal Kit	10 Reaction

Elabscience® Flow Cytometry Staining Kits

Cat.No.	Product Name	Application
XJH001	Human Th1/Th2 Flow Cytometry Staining Kit	Detecting the differentiation of Th1/Th2 cells in human cell samples
XJH002	Human Th17 Flow Cytometry Staining Kit	Detecting the differentiation of Th17 cells in human cell samples
XJM001	Mouse Th1/Th2 Flow Cytometry Staining Kit	Detecting the differentiation of Th1/Th2 cells in mouse cell samples
XJM002	Mouse Th17 Flow Cytometry Staining Kit	Detecting the differentiation of Th17 cells in mouse cell samples

Elabscience® Magnetic Bead Sorting Products

Cat.No.	Product Name	Application
MIM001N	EasySort™ Mouse CD3 ⁺ T Cell Isolation Kit	Isolating CD3 ⁺ T cells from mouse spleen and lymph node samples
MIM002N	EasySort™ Mouse CD4 ⁺ T Cell Isolation Kit	Isolating CD4 ⁺ T cells from mouse spleen and lymph node samples
MIM003N	EasySort™ Mouse CD8 ⁺ T Cell Isolation Kit	Isolating CD8 ⁺ T cells from mouse spleen and lymph node samples
MIM004N	EasySort™ Mouse B Cell Isolation Kit	Isolating B cells from mouse spleen and lymph node samples
MIM005N	EasySort™ Mouse NK Cell Isolation Kit	Isolating NK cells from mouse spleen samples

Elabscience® Flow Cytometry Reagents

Product Categories	Cat. No.	Product Name	Application
Red Blood Cell Lysis	E-CK-A105	10×ACK Lysis Buffer	Red Blood Cell Lysis
	E-CK-A106	10× RBC Lysis/Fixation Solution	Red Blood Cell Lysis
Cell Stimulation and Protein Transport Inhibitor	E-CK-A091	Cell Stimulation and Protein Transport Inhibitor Kit	Stimulation/Transport Inhibitor
	E-CK-A019	Cell Stimulation MIX Kit	Cell Stimulation
	E-CK-A013	Protein Transport Inhibitor MIX	Protein Transport Inhibitor
Buffer	E-CK-A107	Cell Staining Buffer	Dilution and Wash
Nuclear Staining	E-CK-A161	PI Reagent	Nuclear Staining
	E-CK-A162	7-AAD Reagent	Nuclear Staining
	E-CK-A163	DAPI Reagent	Nuclear Staining
Cell Fixation/ Permeabilization	E-CK-A108	Foxp3/Transcription Factor Staining Kit	Fixation/Permeabilization
	E-CK-A109	Intracellular Fixation/Permeabilization Buffer Kit	Intracellular Fixation/Permeabilization
FcR Blocking	E-AB-F0997A	Purified Anti-Mouse CD16/32 Antibody	Mouse Sample Blocking
	E-AB-F1236A	Purified Anti-Human CD16 Antibody	Human Sample Blocking
T cell Activation & Expansion	MIH001A	Human CD3/CD28 T Cell Activation Beads	T cell activation and expansion in vitro
	MIM001A	Mouse CD3/CD28 T Cell Activation Beads	T cell activation and expansion in vitro

For more Flow Cytometry products, please visit our website: www.elabscience.com.

Apoptosis and Cell Health Detection Assays

Providing Customers with One-stop Solutions for Cell Health Detection

The key to cell-related research is cell health detection. Elabscience® provides various Cell Health Detection Assays to assist customers in cell-related research.

An Array of Categories to Meet Diverse Needs for Cell Health Detection

Apoptosis Detection

- ◎ Annexin V Apoptosis Kit
- ◎ TUNEL Apoptosis Kit
- ◎ JC-1 Assay Kit
- ◎ Caspase Activity Assay kit

01

Cell Proliferation/Viability/ Cytotoxicity Detection

- ◎ CFSE Cell Division Tracker Kit
- ◎ Calcein AM/PI Double Staining Kit
- ◎ E-Click EdU Cell Proliferation Detection Kit
- ◎ Enhanced Cell Counting Kit 8 (CCK8)
- ◎ LDH Cytotoxicity Colorimetric Assay Kit

02

Cell Cycle Detection


- ◎ Cell Cycle Detection Kit (Red)
- ◎ Cell Cycle Detection Kit (Blue)
- ◎ Cell Cycle Detection Kit (Green)

03

High Efficiency and Sensitivity of Cell Health Detection Assays, Widely Recognized and Trusted. Cited by Over 1,900 SCI Citations

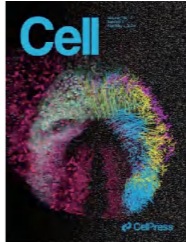
By December 2024, 1,900 scientific citations used Elabscience® cell health detection products, with a cumulative impact factor of 12,030.8. The highest impact factor achieved was 64.8 (*Nature*).

IF=64.8(2024)




Calcein AM/PI (E-CK-A354)

IF=64.5 (2023)




TUNEL In Situ (Green, Elab Fluor® 488)

IF=41.4 (2022)




Enhanced CCK-8

IF=41.4(2022)




Annexin V-FITC / PI (E-CK-A211)

IF=30.8 (2023)



TUNEL In Situ Apoptosis Kit (Green, FITC)

IF=29.4 (2023)



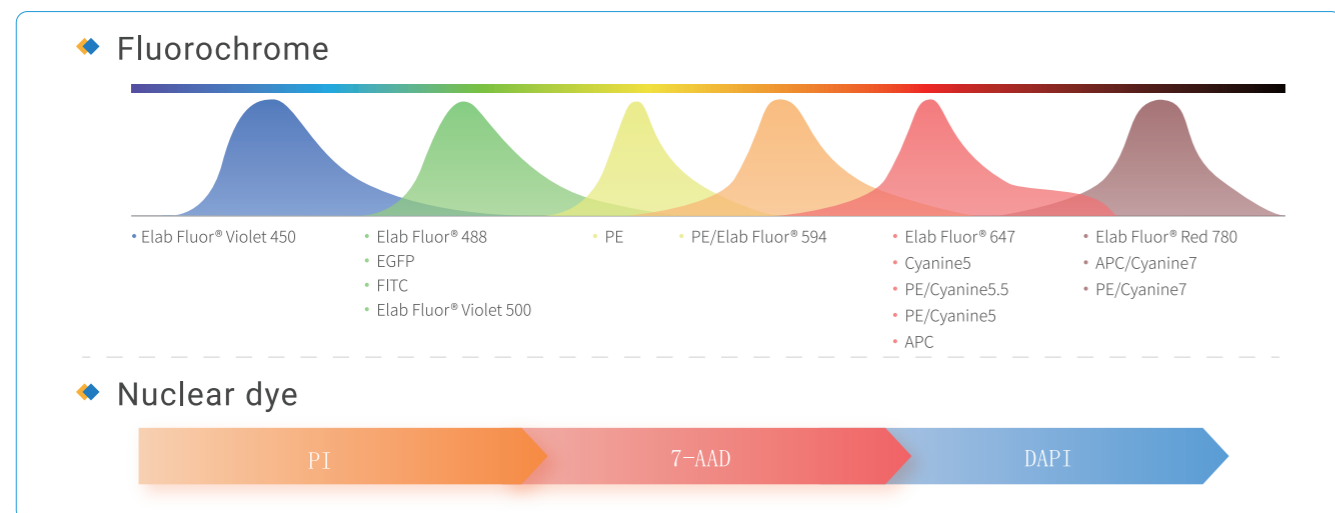
Annexin V-Elab Fluor® 647 / DAPI (E-CK-A254)

For more citation information, please visit our website: www.elabscience.com.

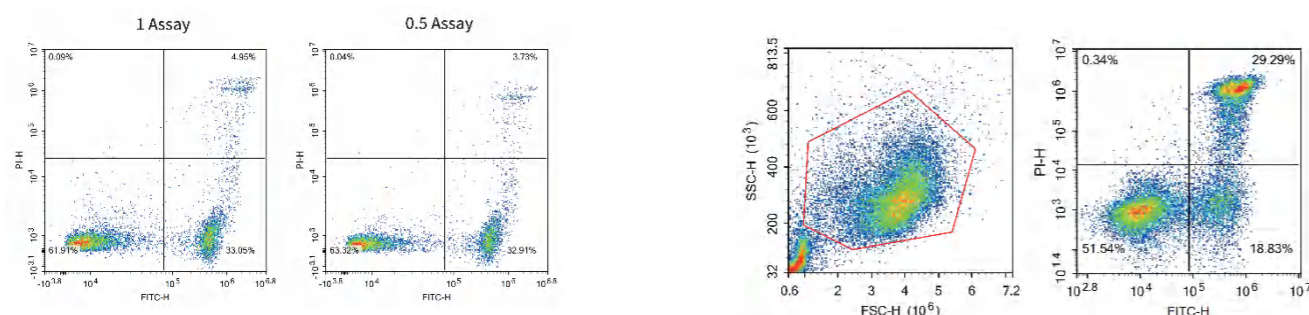
Star Product—Annexin V Apoptosis Detection Kits

Annexin V is an effective method to distinguish early and late apoptosis.

Elabscience® has developed Annexin V Apoptosis Detection Kits, combining 15 fluorochromes and 3 nucleic acid dyes for various research requirements.



Results of Elabscience® Annexin V Apoptosis Detection Kits



Jurkat cells were treated with 5 μM camptothecin for 4 h and harvested 1×10^5 cells, detected with Annexin V-FITC/PI kit (E-CK-A211) of different specifications.

Jurkat cells were treated with 5 μM camptothecin for 4 h, harvested 1×10^6 cells, detected with Annexin V-FITC/PI kit (E-CK-A211).

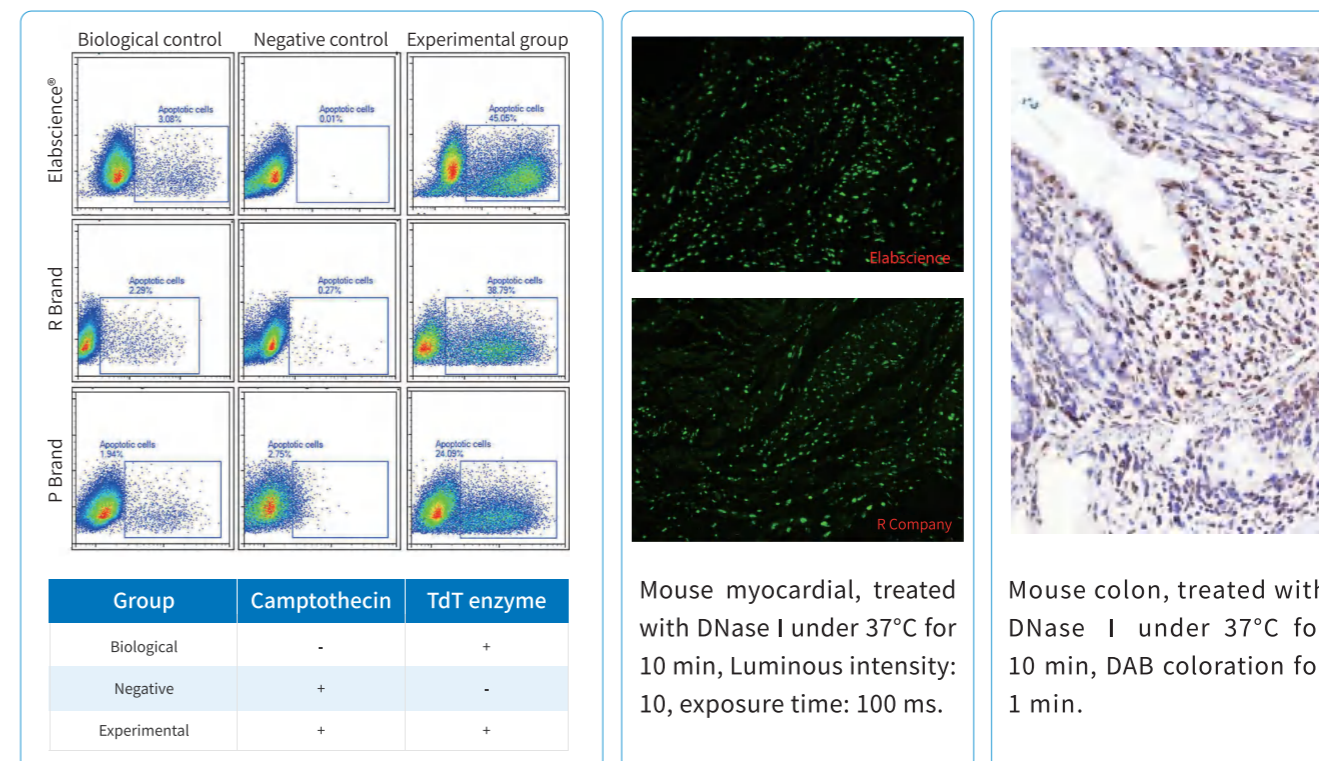
Features of Elabscience® Annexin V Apoptosis Detection Kit

- ▶ Quality Assurance: No fixation needed, avoids false positives, clear distinction between positive and negative groups
- ▶ Controllable Quality: In-house raw material research and quality traceability
- ▶ Ease of Use: Only 15-20 min hands-on time
- ▶ Strict QC: Developed in-house, traceable and reliable quality
- ▶ Cost-Effective: 1 assay can be used as 2 assays based on 10^6 cells

Star Product—TUNEL Apoptosis Detection Kit

Elabscience® TUNEL Apoptosis Detection Kit includes the One-Step TUNEL In Situ Apoptosis Kit, One-Step TUNEL Flow Cytometry Apoptosis Kit, and TUNEL In Situ Apoptosis Kit (HRP-DAB Method). These kits can be used for apoptosis detection in tissue (paraffin-embedded, frozen sections) and cell samples (cell smears, cell crawling films, suspension cells, adherent cells) by using a microscope or flow cytometer.

Results of Elabscience® TUNEL Apoptosis Detection Kits



Mouse myocardial, treated with DNase I under 37°C for 10 min, Luminous intensity: 10, exposure time: 100 ms.

Mouse colon, treated with DNase I under 37°C for 10 min, DAB coloration for 1 min.

Features of Elabscience® One-step TUNEL In Situ Apoptosis Kit

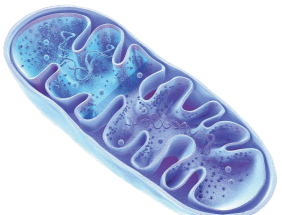
- ▶ Cost-Effective: Key components (TdT & Fluorochrome-dUTP) are self-developed and have stable performance
- ▶ Safe and Non-Toxic: No dimethyl arsenate, non-toxic and harmless to humans and the environment
- ▶ Dye Options: A variety of fluorescent dyes (FITC, Elab Fluor® 488, Elab Fluor® 594, Elab Fluor® 647, Elab Fluor® 555) are available
- ▶ Ease of Use: One-step staining, saving time and effort
- ▶ Detection-Method Options: Various detection methods (fluorescence microscope, flow cytometer, optical microscope)

Cell Metabolism Assay Kits

Innovators in Cell Metabolism Assays

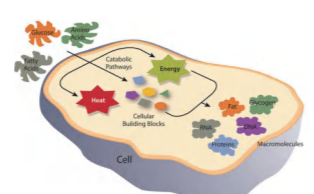
Elabscience® consistently focuses on market demand and follows research trends to provide a one-stop solution for cell metabolism assays. These are categorized into cell component extraction reagents, metabolism assay kits, and inhibitor screening kits, to meet different research needs.

Cell Fractionation Reagent



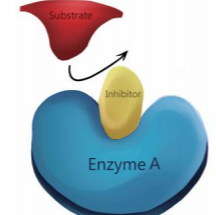
© Organelle, Protein, and Multicomponent Extraction

Metabolism Assay Kit



© Detection of Cellular Metabolites and Metabolic Functions

Inhibitor Screening Kit





© Screening of Various Enzyme Small Molecule Inhibitors

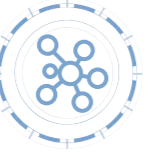
Features of Elabscience® Cell Metabolism Assay Kits

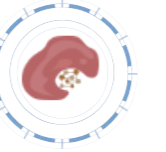
- © **Comprehensive Indicators:** Covering research areas such as ferroptosis, cuproptosis, and energy metabolism
- © **Featured Indicators:** Expertise in cell samples, including kits for measuring intracellular ferrous iron, intracellular copper, OCR, ECAR, etc.
- © **Fluorescence Assay Kits:** Higher specificity and sensitivity with fluorescence methods, requiring less sample usage
- © **Sample Validation:** Each kit is validated with various sample types such as cells and tissues for more reliable results


Cell Metabolism Assay Kit Research Areas



Oxidative Stress



Ferroptosis



Inorganic Ions



Disulfidptosis



Cuproptosis

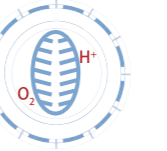

TCA Cycle



Mitochondria Function



Glycolysis & Lipid Metabolism


Amino Acids & Proteins


Plant Physiology


Energy Metabolism

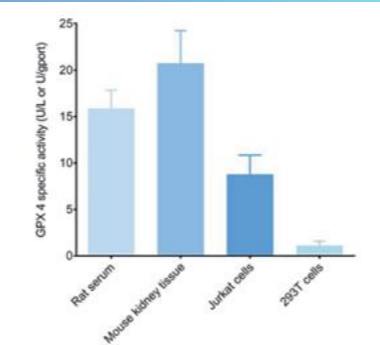

Liver & Renal Function


Metabolic Diseases

Ferroptosis Assay Kits

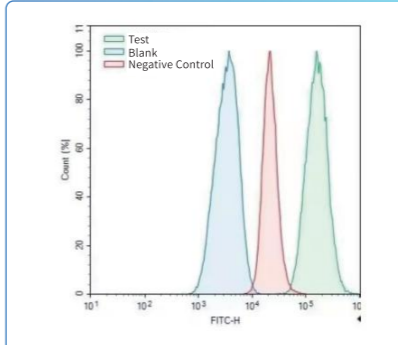
Ferroptosis is a regulated cell death caused by an imbalance in the generation and degradation of intracellular lipid reactive oxygen species. It is iron-dependent, characterized by increased free ferrous ions and the accumulation of lipid peroxides. Ferroptosis is one of the most renown research topics in cell death. Elabscience® offers self-developed assay kits to facilitate research on ferroptosis.

Star Products



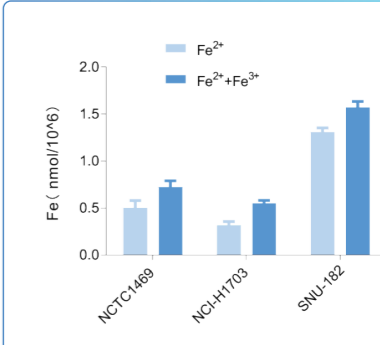
Glutathione Peroxidase 4 (GPX4) Activity Assay Kit (E-BC-K883-M)

GPX4: Globally initiate to measure GPX4 enzyme activity



Lipid Peroxide (LPO) Fluorometric Assay Kit (E-BC-F003)

LPO: High sensitivity, suitable for living cells



Cell Ferrous Iron Colorimetric Assay Kit (E-BC-K881-M)

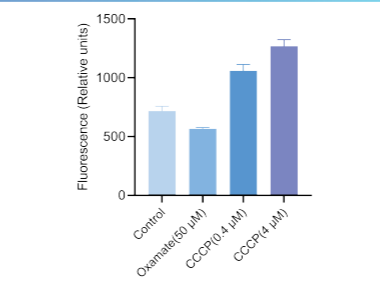
Fe: Lysate is provided and simple to operate

Energy Metabolism Assay Kit

Energy metabolism is a fundamental characteristic of cells, involving pathways such as glycolysis, lipid metabolism, the TCA cycle, and oxidative phosphorylation. The state of energy metabolism can serve as a key indicator of cellular health.

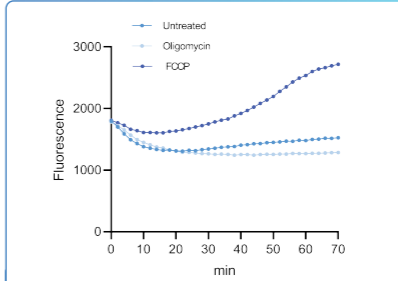
Elabscience® energy metabolism assay kits can be used to detect metabolite content and enzyme activity in relevant metabolic pathways, aiding in energy metabolism research.

Star Products



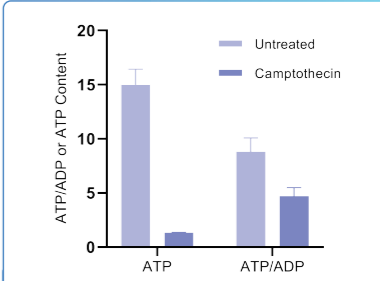
Extracellular Acidification Rate (ECAR) Fluorometric Assay Kit (E-BC-F069)

Fluorescence microplate reader compatibility for seamless detection



Oxygen Consumption Rate (OCR) Fluorometric Assay Kit (E-BC-F068)

Stable fluorescence signal ensures reliable kinetic measurements



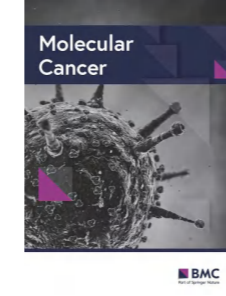


ATP/ADP Ratio Chemiluminescence Assay Kit (E-BC-F004)

High sensitivity and accuracy

Cell Metabolic Assay Kits Cited in Citations

By December 2024, Elabscience® Cell Metabolism Assay Kits have been cited in over 2,800 SCI citations, with 260 citations having an IF>10, and the highest IF being 64.8 (*Nature*). These kits have frequently been published in top journals such as *Nature*, *Cell Research*, and *Immunity*, amongst others.

<p>IF=64.8</p>  <p>IF=64.8</p>	<p>IF=64.5</p>  <p>IF=64.5</p>	<p>IF=44.1</p>  <p>IF=44.1</p>	<p>IF=43.5</p>  <p>IF=43.5</p>	<p>IF=37.3</p>  <p>IF=37.3</p>
<p>Creatinine (Cr) Colorimetric Assay Kit (Sarcosine Oxidase Method) (E-BC-K188-M)</p>	<p>L-Lactic Acid (LA) Colorimetric Assay Kit (E-BC-K044-M)</p>	<p>Cysteine (Cys) Colorimetric Assay Kit (E-BC-K352-M)</p>	<p>BCA Protein Colorimetric Assay Kit (E-BC-K318-M)</p>	<p>Cell Total Iron Colorimetric Assay Kit (E-BC-K880-M)</p>

Featured Cell Metabolic Assay Kits

Research Area	Cat. No.	Product Name	Detection Instrument
Ferroptosis	E-BC-F003	Lipid Peroxide (LPO) Fluorometric Assay Kit	Fluorescence Microplate Reader
	E-BC-F066	Cystine Uptake Fluorometric Assay Kit	Fluorescence Microplate Reader
	E-BC-F101	Cell Ferrous Iron (Fe ²⁺) Fluorometric Assay Kit	Fluorescence Microplate Reader
	E-BC-K881-M	Cell Ferrous Iron Colorimetric Assay Kit	Microplate Reader
	E-BC-K883-M	Glutathione Peroxidase 4 (GPX4) Activity Assay Kit	Microplate Reader
Energy Metabolism	E-BC-F004	ATP/ADP Ratio Chemiluminescence Assay Kit	Multifunctional microplate reader
	E-BC-F068	Oxygen Consumption Rate (OCR) Fluorometric Assay Kit	Fluorescence Microplate Reader
	E-BC-F069	Extracellular Acidification Rate (ECAR) Fluorometric Assay Kit	Fluorescence Microplate Reader
	E-BC-K784-M	Fatty Acid Oxidation (FAO) Colorimetric Assay Kit	Microplate Reader
	E-BC-K834-M	Cell Mitochondrial Complex I (NADH-CoQ Reductase) Activity Assay Kit	Microplate Reader
	E-BC-K836-M	Cell Mitochondrial Complex III (Coenzyme Q-Cytochrome C Reductase) Activity Assay Kit	Microplate Reader

Immunoassay Kits and Reagents

More Reliable ELISA Kits!

Elabscience® has been focused on cell detection products for 15 years and provides researchers with over 2,000 high-quality ready-to-use ELISA Kits and custom ELISA Antibody Pair Kits and Reagents. Our ELISA products cover human, mouse, rat, rabbit, monkey, and other reactive species.

Superior Quality

All Elabscience® ELISA products are manufactured according to ISO 9001:2015, and are guaranteed by a strict quality control system.



Raw Material

Professional antibody & protein development and production platform for ELISA products to continue to supply high-quality and stable raw materials.



Production

Automated production equipment, international standard production process. Accurately control the freeze-drying curve to reduce production errors.



Quality Inspection

Strict three-step quality inspection to ensure the stability of the system, quality and quantity.



Reagent

- Improved coating system to reduce coated protein damage.
- Unique HRP enzyme protection solution to avoid data fluctuation.



Package

- Aluminum foil bags are carefully selected and subjected to low-temperature simulation anti-fall experiments.
- The product has a traceable security code, which can be directly traced to each production link.

Quality Control Standard

- Standard Linearity**
 $R^2 \geq 0.995$.
- Precision**
 Intra-batch & inter-batch CV $\leq 10\%$.
- Recovery Rate**
 Addition & dilution recovery rates range from 80% to 120%.
- Sensitivity**
 The low concentration target sensitivity reaches fg/pg level.
- Specificity**
 · Cross-reaction rate of structural analogues $< 10\%$.
 · Cross-reaction rate of samples between different species $< 10\%$.
- Stability**
 Through thermal acceleration stability, long-term stability and transportation stability tests, the kit has good stability within the validity period.
- Sample Validation**
 · Human: serum, plasma, cell supernatant & lysate, saliva, urine, and milk, etc.
 · Mouse & Rat: serum, plasma, cell supernatants & lysates, tissue homogenates (heart, liver, spleen, lung, kidney, brain), etc.
 · The sample testing is basically consistent with authoritative literature reports.


Efficient Services

- ⦿ Ready-to-use products with guaranteed stock, shipped within 2 to 3 business days.
- ⦿ Professional technical support responds within 8 h and provides solutions within 24 h.
- ⦿ Custom services are helpful and efficient, and provide technical resources to support the entire experiment.

Customer Oriented

© New Product Development is Guided by Customer Needs


2009



Traditional ELISA

- Rich targets
- Complete species
- Mature system


2020



SARS-CoV-2 ELISA


- Contains Ag, Ab, NAb, TAB

2021



QuicKey Pro™ ELISA


- 90 min operation time



Mini Sample ELISA

- 25 µL loading volume

2023



High Sensitivity ELISA

- Sensitivity increased by 2-100 times
- Sample detection rate 30%-100%



Uncoated ELISA

- Core raw materials
- Matching ancillary reagent kit



Antibody Pair

- Antibodies to raw materials

2024



EcoPlex™ Kit

- Multi-target joint detection
- Small sample volume

2025



ELISpot

- High sensitivity
- Single cell level assessment of live cell function

© Target Selection is Guided by Customer Needs

Our ELISA kits are widely used in more than 10 research areas, such as Cancer & Tumor, Immunology, Cardiovascular, Stem Cell, Neuroscience, Metabolism, Microbiology, Cell Biology, Signaling Transduction, Epigenetics, and Nuclear Signaling.

© System Optimization is Guided by Customer Needs

Stability

We continue to optimize the reagent component system to improve the stability of the kit under different preservation conditions:

- ELISA kit's reagents separately stored at 2-8°C/-20°C (12 months) before, now the whole kit can be stored at 2-8°C for 12 months.
- And new series ELISA kit is prioritized to be developed with an overall 2-8°C (12 months) storage system.

Safety

Aside from BSA as a protective protein, the kit does not contain any other ingredients of animal origin, meeting the requirements of the Cartagena Biosafety Protocol. Additionally, the preservative of the kit is proclin 300, which is less toxic, making it safe and environmentally friendly.

Authoritative Recognition

- CiteAb recognized Elabscience® as the "ELISA KIT SUPPLIER TO WATCH IN 2019".
- By January 2025, Elabscience® ELISA products have been cited in over 13,000 SCI citations, featured in top-tier journals such as: *Nature*, *Cell*, *Nature Medicine*, *Immunity*, etc.



Elabscience® Featured ELISA Kits

Cat. No.	Product Name	Detection Range	Sensitivity
E-EL-0033	ST/5-HT(Serotonin/5-Hydroxytryptamine) ELISA Kit	15.63-1000 ng/mL	9.38 ng/mL
E-EL-0162	TGF-β1(Transforming Growth Factor Beta 1) ELISA Kit	0.16-10 ng/mL	0.10 ng/mL
E-EL-H6156	Human IL-6(Interleukin 6) ELISA Kit	1.56-100 pg/mL	0.94 pg/mL
E-EL-H0109	Human TNF-α(Tumor Necrosis Factor Alpha) ELISA Kit	7.81-500 pg/mL	4.69 pg/mL
E-EL-M0037	Mouse IL-1β(Interleukin 1 Beta) ELISA Kit	7.81-500 pg/mL	4.69 pg/mL
E-EL-M0044	Mouse IL-6(Interleukin 6) ELISA Kit	31.25-2000 pg/mL	18.75 pg/mL
E-EL-M3063	Mouse TNF-α(Tumor Necrosis Factor Alpha) ELISA Kit	7.81-500 pg/mL	4.69 pg/mL
E-EL-R0012	Rat IL-1β(Interleukin 1 Beta) ELISA Kit	31.25-2000 pg/mL	18.75 pg/mL
E-EL-R0015	Rat IL-6(Interleukin 6) ELISA Kit	12.50-800 pg/mL	7.50 pg/mL
E-EL-R2856	Rat TNF-α(Tumor Necrosis Factor Alpha) ELISA Kit	15.63-1000 pg/mL	9.38 pg/mL

For more ELISA products, please visit our website: www.elabscience.com.

Antibodies & Proteins

Validated High-quality Antibodies & Proteins

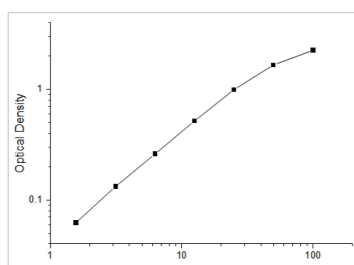
Elabscience® provides high-quality recombinant proteins, validated monoclonal and polyclonal antibodies, and antibody-related products. These products cover immunoprecipitation and protein purification, antibodies and proteins. Our products have a wide range of applications and are recognized in leading laboratories and research institutions. Based on the company's powerful protein and antibody R&D platforms, Elabscience® will continue to launch a series of high-quality research and clinical diagnostic antibody products for global research institutions.

Antibodies

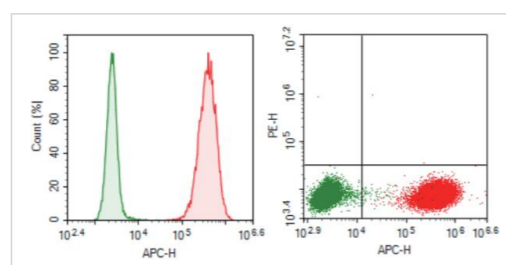
- Antibody Pairs
- Flow Cytometry Antibodies
- Tags & Controls Antibodies
- Recombinant Antibodies
- Pathological Antibodies
- Secondary Antibodies

Product Features

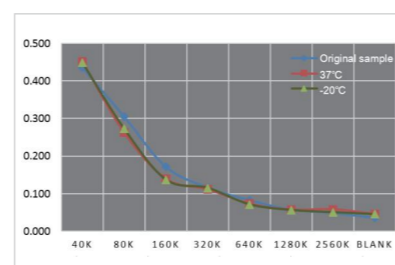
- Diversified product types
- Excellent quality
- Rigorous quality control
- Wide range of applications
- Comprehensive sales services



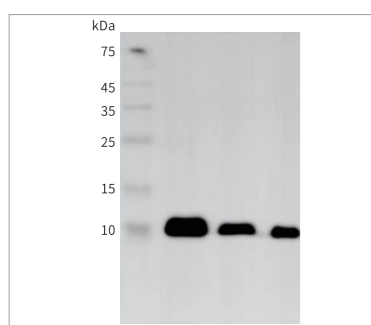
© Antibody Pairs (standard curve) Validation



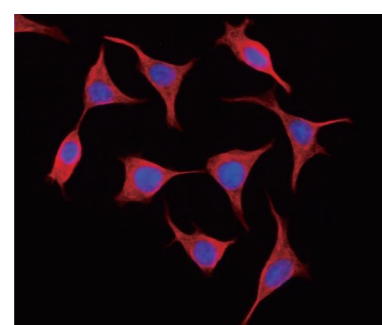
© Antibody Sensitivity (FCM) Validation



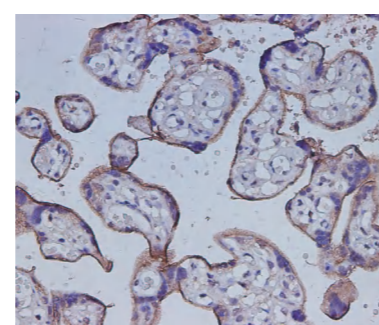
© Antibody Stability Validation



© WB Validation



© IF Validation



© IHC Validation

Immunoprecipitation & Protein Purification



Tag Protein Purification Kits



Immunoprecipitation Kits



Tag Antibodies Agarose/
Magnetic Beads



Other Agarose/Magnetic
Beads Products

Product Features

- High Specificity**
Highly specific binding to target proteins, few false positives and false negatives.
- Cost-effective**
Products are manufactured on demand thus being cost-effective.
- A Wide Range of Applications**
Applications covering IP, CoIP, Pull-down, and protein purification suitable for diversified experimental solutions.
- Efficient and Convenient**
Efficient binding capacity, low non-specific absorption, simple and convenient operation, as little as 40 min for an IP process.

Proteins

Elabscience® upholds strict quality standards and provides high-purity, high-consistency, and high-activity recombinant proteins to support your scientific research on protein structure and function, cell culture and function testing, antibodies and immunoassay reagent development, and biological drug target discovery, etc.

Product Features

- 01 Excellent pre-sales and post-sales service**
Professional technical support team assists in finding solutions for our clients.
- 02 High quality proteins**
High purity and endotoxin < 1 EU/μg.
No components of animal origin.
- 03 Comprehensive expression system**
Prokaryotic: *E. coli*
Eukaryotic: HEK293/CHO, yeast, insect cell - baculovirus.
- 04 Rigorous quality control**
High-caliber quality control team.
Multiple testing indicators and continuous quality tracking and monitoring.
Stable mass production.

Antibodies & Proteins Related Reagents



Elabscience® provides a complete range of WB, IF, IHC and IP/CoIP kits, and experimental detecting technology solutions, that drive efficient scientific research.

Antibodies & Proteins

Antibodies & Proteins

Product Citations (Partial)

Cited in over 208,000 SCI literature, Elabscience® continues to support scientific research.

■ Elabscience® Flow Cytometry Antibodies Citations

Target	Cat. No.	Citation Information	IF		
PE Anti-Mouse CD119 Antibody[GR-20]	E-AB-F1115D	Benguigui M, Cooper TJ, Kalkar P, et al. Interferon-stimulated neutrophils as a predictor of immunotherapy response[J]. <i>Cancer Cell</i> . 2024 Feb 12;42(2):253-65.	48.8		
PerCP Anti-Mouse CD48 Antibody[HM48-1]	E-AB-F1017UF	Simats A, Zhang S, Messerer D, et al. Innate immune memory after brain injury drives inflammatory cardiac dysfunction[J]. <i>Cell</i> . 2024 Aug 22;187(17):4637-55.	45.5		
PE Anti-Mouse CD54 Antibody[YN1/1.7.4]	E-AB-F1018D	Born E, Lipskaia L, Breau M, et al. Eliminating senescent cells can promote pulmonary hypertension development and progression[J]. <i>Circulation</i> , 2023, 147(8): 650-666.	37.8		
APC Anti-Mouse CD8a Antibody[53-6.7]	E-AB-F1104E	Lu C, Liao S, Chen B, et al. Responsive probes for in vivo magnetic resonance imaging of nitric oxide[J]. <i>Nature Materials</i> , 2024, 1-10.	37.2		
PE Anti-Mouse CD25 Antibody[PC-61.5.3]	E-AB-F1102D				
FITC Anti-Mouse Foxp3 Antibody[3G3]	E-AB-F1238C				
PE Anti-Mouse F4/80 Antibody[CI:A3-1]	E-AB-F0995D				
Biotin Anti-Mouse CD31 Antibody[390]	E-AB-F1180B				
APC Anti-Mouse Ly6C Antibody[Monts 1]	E-AB-F1121E				
Purified Anti-Mouse CD16/32 Antibody[2.4G2]	E-AB-F0997A				
APC Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-8C5]	E-AB-F1120UE				
APC Anti-Mouse F4/80 Antibody[CI:A3-1]	E-AB-F0995E			Che Y J, Ren X H, Wang Z W, et al. Lymph-Node-Targeted Drug Delivery for Effective Immunomodulation to Prolong the Long-Term Survival After Heart Transplantation[J]. <i>Advanced Materials</i> , 2022.	32.0
Purified Anti-Mouse CD16/32 Antibody[2.4G2]	E-AB-F0997A			Cai J, Quan Y, Zhu S, et al. The browning and mobilization of subcutaneous white adipose tissue supports efficient skin repair[J]. <i>Cell Metabolism</i> . 2024 Jun 4;36(6):1287-301.	29.0
Elab Fluor® Red 780 Anti-Mouse CD45 Antibody[30-F11]	E-AB-F1136S				
FITC Anti-Mouse Ly6G Antibody[1A8]	E-AB-F1108C				
APC Anti-Mouse F4/80 Antibody[CI:A3-1]	E-AB-F0995E				
PerCP/Cyanine5.5 Anti-Mouse CD3 Antibody[17A2]	E-AB-F1013J				

Target	Cat. No.	Citation Information	IF
PE/Cyanine7 Anti-Mouse CD11c Antibody[N418]	E-AB-F0991UH	Yin D, Zhong Y, Ling S, et al. Dendritic-cell-targeting virus-like particles as potent mRNA vaccine carriers[J]. <i>Nature Biomedical Engineering</i> , 2024, 1-16.	28.1
FITC Anti-Mouse Ly6G Antibody[1A8]	E-AB-F1108C	Cai J, Quan Y, Zhu S, et al. The browning and mobilization of subcutaneous white adipose tissue supports efficient skin repair[J]. <i>Cell Metabolism</i> , 2024, 36(6), 1287-1301.	27.7
FITC Anti-Mouse CD3 Antibody[17A2]	E-AB-F1013C	Mai Z, Fu L, Su J, et al. Intra-tumoral sphingobacterium multivorom promotes triple-negative breast cancer progression by suppressing tumor immunosurveillance. <i>Molecular Cancer</i> . 2025 Jan 8;24(1):6.	27.7
PE/Cyanine7 Anti-Mouse CD4 Antibody[GK1.5]	E-AB-F1097H		
PE Anti-Mouse CD25 Antibody[PC-61.5.3]	E-AB-F1102D		
PE Anti-Mouse CD106 Antibody[M/K-2.7]	E-AB-F1091D	Shi N N, Yang Q, Zhang H R, et al. Restoration of dystrophin expression in mice by suppressing a nonsense mutation through the incorporation of unnatural amino acids[J]. <i>Nature Biomedical Engineering</i> , 2022, 6: 195–206.	25.6
APC Anti-Mouse Ly6A/E(Sca-1) Antibody[D7]	E-AB-F1191E		
PE/Cyanine7 Anti-Mouse CD31 Antibody[390]	E-AB-F1180H		
PE Anti-Human CD56/NCAM Antibody[5.1H11]	E-AB-F1239D		
FITC Anti-Human CD29 Antibody[TS2/16.2.1]	E-AB-F1049C	Yan F, Li R, Liu J, et al. Hybrid near-infrared-activated luminescent gold nanoparticle platform for efficient cancer therapy. <i>Advanced Composites and Hybrid Materials</i> . 2025 Apr;8(2):173.	23.2
PE Anti-Mouse CD49b/pan-NK cells Antibody[DX5]	E-AB-F1116D		
PerCP/Cyanine5.5 Anti-Rat CD45 Antibody[OX-1]	E-AB-F1227UJ	Tianyuan Z, Haoyuan D, Jianwei L, et al. A Smart MMP13 - Responsive Injectable Hydrogel with Inflammatory Diagnostic Logic and Multiphase Therapeutic Ability to Orchestrate Cartilage Regeneration[J]. <i>Advanced Functional Materials</i> 2023, 33(16): 2213019.	19.9
APC Anti-Mouse/Human CD11b Antibody[M1/70]	E-AB-F1081E	Liu X, Zhang R, Zhou N, et al. A Dual Drug - Loaded Smart Liposome System Capable of Capturing Leukemia Cells Followed by Releasing Drugs Within Cells for Synergistic Therapy. <i>Advanced Functional Materials</i> 2025: 2425739.	18.5
PE Anti-Human CD45 Antibody[HI30]	E-AB-F1137D		
FITC Anti-Mouse/Human CD11b Antibody[M1/70]	E-AB-F1081C	Zhao F, He J, Tang J, et al. Brain milieu induces early microglial maturation through the BAX-Notch axis[J]. <i>Nature Communications</i> , 2022, 13(1): 6117.	17.6
APC Anti-Mouse CD3 Antibody[17A2]	E-AB-F1013E	Sun D, Li Y, Yin X, et al. Utilizing Engineered Bacteria as "Cell Factories" In Vivo for Intracellular RNA-Loaded Outer Membrane Vesicles' Self-Assembly in Tumor Treatment[J]. <i>ACS Nano</i> , 2024, 82 1.	15.8
FITC Anti-Mouse CD4 Antibody[GK1.5]	E-AB-F1097C		
PE Anti-Mouse CD8a Antibody[53-6.7]	E-AB-F1104D		
FITC Anti-Mouse IFN-γ Antibody[XMG1.2]	E-AB-F1101C		

Product Citations (Partial)

Product Citations (Partial)

Elabscience® Cell Function Assay Kits Citations

Target	Cat. No.	Citation Information	IF
Calcein AM/PI Double Staining Kit	E-CK-A354	Tang, H., Yang, Y., Liu, Z. et al. Injectable ultrasonic sensor for wireless monitoring of intracranial signals[J]. <i>Nature</i> , 2024, 630(8015):84-90.	64.8
One-step TUNEL In Situ Apoptosis Kit (Green, Elab Fluor® 488)	E-CK-A321	Sang D, Lin K, Yang Y, et al. Prolonged sleep deprivation induces a cytokine-storm-like syndrome in mammals[J]. <i>Cell</i> , 2023, 186(25): 5500-5516.	64.5
Annexin V-FITC/PI Apoptosis Kit	E-CK-A211	Jiang M, Qi F, Zhang K, et al. MARCKSL1-2 reverses docetaxel-resistance of lung adenocarcinoma cells by recruiting SUZ12 to suppress HDAC1 and elevate miR-200b[J]. <i>Molecular Cancer</i> , 2022, 21(150).	41.4
Enhanced Cell Counting Kit 8 (WST-8/CCK8)	E-CK-A362	Del Gaudio, N., Di Costanzo, A., Liu, N.Q. et al. CBX2 shapes chromatin accessibility promoting AML via p38 MAPK signaling pathway[J]. <i>Molecular Cancer</i> , 2022, 21(1):125.	41.4
Enhanced Cell Counting Kit 8 (WST-8/CCK8)	E-CK-A362	Song R, Guo P, Ren X, et al. A novel polypeptide CAPG-171aa encoded by circCAPG plays a critical role in triple-negative breast cancer[J]. <i>Molecular Cancer</i> , 2023, 22(1): 104.	37.3
One-step TUNEL In Situ Apoptosis Kit (Green, FITC)	E-CK-A320	Hirakawa H, Gao L, Tavakol D N, et al. Cellular plasticity of the bone marrow niche promotes hematopoietic stem cell regeneration[J]. <i>Nature Genetics</i> , 2023, 55(11): 1941-1952.	30.8
Annexin V-Elab Fluor® 647/DAPI Apoptosis Kit	E-CK-A254	Song J L, Xu R Y, Zhang H, et al. Cell-in-Cell-Mediated Entosis Reveals a Progressive Mechanism in Pancreatic Cancer[J]. <i>Gastroenterology</i> , 2023, 165(6):1505-1521.	29.4
One-step TUNEL In Situ Apoptosis Kit (Green, FITC)	E-CK-A320	Fei, D., Wang, F., Wang, Y. et al. Circular RNA ACVR2A promotes the progression of hepatocellular carcinoma through mir-511-5p targeting PI3K-Akt signaling pathway[J]. <i>Molecular Cancer</i> , 2024, 23(1):159.	27.7
Annexin V-FITC/PI Apoptosis Kit	E-CK-A211	Wen D, Xiao H, Gao Y, et al. N6-methyladenosine-modified SENP1, identified by IGF2BP3, is a novel molecular marker in acute myeloid leukemia and aggravates progression by activating AKT signal via de-SUMOylating HDAC2[J]. <i>Molecular Cancer</i> , 2024, 23(1):116.	27.7
Annexin V-FITC/PI Apoptosis Kit	E-CK-A211	Huang S, Xu M, Deng X, et al. Anti irradiation nanoparticles shelter immune organ from radio-damage via preventing the IKK/IκB/NF-κB activation[J]. <i>Molecular Cancer</i> , 2024, 23(1):234.	27.7
One-step TUNEL In Situ Apoptosis Kit (Green, FITC)	E-CK-A320	Zhao Y, Shi Y, Yang H, et al. Stem cell microencapsulation maintains stemness in inflammatory microenvironment[J]. <i>International Journal Of Oral Science</i> , 2022, 14(1):48.	24.9
One-step TUNEL In Situ Apoptosis Kit (Red, Elab Fluor® 555)	E-CK-A325	Silva-Sanchez A, Meza-Perez S, Liu M, et al. Activation of regulatory dendritic cells by Mertk coincides with a temporal wave of apoptosis in neonatal lungs[J]. <i>Science Immunology</i> , 2023, 8(84).	24.8

Elabscience® Metabolic Assay Kits Citations

Target	Cat. No.	Citation Information	IF
Creatinine (Cr)	E-BC-K188-M	Xu W, Li G, Chen Y, et al. A novel antidiuretic hormone governs tumour-induced renal dysfunction[J]. <i>Nature</i> , 2023, 624, 425-432.	64.8
Urea (BUN)	E-BC-K183-M		
L-Lactic Acid (LA)	E-BC-K044-M	Meng J J, Shen J W, Li G, et al. Light modulates glucose metabolism by a retina-hypothalamus-brown adipose tissue axis[J]. <i>Cell</i> , 2023, 186(2): 398-412.	64.5
Non-esterified Free Fatty Acids (NEFA/FFA)	E-BC-K013-S		
ROS	E-BC-K138-F	Mao Y, Zhang J, Zhou Q, et al. Hypoxia induces mitochondrial protein lactylation to limit oxidative phosphorylation[J]. <i>Cell Research</i> , 2024, 34(1): 13-30.	44.3
BCA Protein	E-BC-K318-M	Chen X, Wu R, Li L, et al. Pregnancy-induced changes to the gut microbiota drive macrophage pyroptosis and exacerbate septic inflammation[J]. <i>Immunity</i> , 2023, 56(2): 336-352.	43.4
Free Fatty Acids (FFA)	E-BC-K014	Wang X, He Q, Zhou C, et al. Prolonged hypernutrition impairs TREM2-dependent efferocytosis to license chronic liver inflammation and NASH development[J]. <i>Immunity</i> , 2023, 56(1): 58-77.	43.4
Superoxide Dismutase (SOD)	E-BC-K020-M	Talukdar PD, Pramanik K, Gatti P, et al. Precise targeting of transcriptional co-activators YAP/TAZ annihilates chemoresistant brCSCs by alteration of their mitochondrial homeostasis[J]. <i>Signal Transduction and Targeted Therapy</i> 2025, 10(1).	40.8
Malondialdehyde (MDA)	E-BC-K030-M		
Lactate Dehydrogenase (LDH)	E-BC-K766-M	Polcaro G, Liguori L, Manzo V, et al. rs822336 binding to C/EBPβ and NFIC modulates induction of PD-L1 expression and predicts anti-PD-1/PD-L1 therapy in advanced NSCLC[J]. <i>Molecular Cancer</i> , 2024, 23(1), 63.	37.3
Ferrous Iron	E-BC-K880-M	Jiang M, Jike Y, Liu K, et al. Exosome-mediated miR-144-3p promotes ferroptosis to inhibit osteosarcoma proliferation, migration, and invasion through regulating ZEB1[J]. <i>Molecular Cancer</i> , 2023, 22(1),113.	37.3
Urea (BUN)	E-BC-K183-M	Chen, Y., Pal, S., Li, W. et al. Engineered platelets as targeted protein degraders and application to breast cancer models[J]. <i>Nature Biotechnology</i> , 2024.	33.1
Myeloperoxidase (MPO) Peroxidation	E-BC-F013	Song X, Huang Q, Yang Y, et al. Efficient Therapy of Inflammatory Bowel Disease (IBD) with Highly Specific and Durable Targeted Ta2 C Modified with Chondroitin Sulfate (TACS)[J]. <i>Advanced Materials</i> , 2023, 35(36).	32.0
Alanine Aminotransferase (ALT)	E-BC-K235-S	Isaac R, Bandyopadhyay G, Rohm TV, et al. TM7SF3 controls TEAD1 splicing to prevent MASH-induced liver fibrosis[J]. <i>Cell Metabolism</i> , 2024, 36(5).	29.0
Malondialdehyde (MDA)	E-BC-K025-M	Liang H, Jiang J, Miao J, et al. A Biomimetic Sweeping Microrobot for Active Therapy of Ulcerative Colitis[J]. <i>Advanced Materials</i> , 2025, 37(10).	27.4
Superoxide Dismutase (SOD)	E-BC-K020-M		
Myeloperoxidase (MPO)	E-BC-K074-M		

Elabscience® ELISA Kits Citations

Target	Cat. No.	Citation Information	IF
cGMP (Cyclic GMP)	E-EL-0083	Xu W, Li G, Chen Y, et al. A novel antidiuretic hormone governs tumour-induced renal dysfunction[J]. <i>Nature</i> , 2023, 624, 425-432.	64.8
Mouse ADH	E-EL-M0106		
Mouse ALB	E-EL-M3032		
Mouse BMG/β2-MG	E-EL-M2411		
Mouse ApoB	E-EL-M3017	Hu X, Chen F, Jia L, et al. A gut-derived hormone regulates cholesterol metabolism[J]. <i>Cell</i> , 2024, 187(7), 1685-1700.	64.5
cAMP	E-EL-0056	Wang W W, Ji S Y, Zhang W, et al. Structure-based design of non-hyper-trophic apelin receptor modulator[J]. <i>Cell</i> , 2024, 187(6): 1460-1475.	64.5
EPI	E-EL-0045	Meng J J, Shen J W, Li G, et al. Light modulates glucose metabolism by a retina-hypothalamus-brown adipose tissue axis[J]. <i>Cell</i> , 2023, 186(2): 398-412.	64.5
NA/NE	E-EL-0047		
Mouse CORT	E-OSEL-M0001		
Mouse GC	E-EL-M0555		
Mouse GHRL	E-EL-M0551		
Mouse GLP-1	E-EL-M3012		
Mouse OXA	E-EL-M0860		
Human F8 (Coagulation Factor VIII)	E-EL-H6116		
DA(Dopamine)	E-EL-0046	Yamada T, Ikeda A, Murata D, et al. Dual regulation of mitochondrial fusion by Parkin-PINK1 and OMA1[J]. <i>Nature</i> , 2025, 1-8.	50.5
Rat ApoE	E-EL-R1230	Guttenplan K A, Weigel M K, Prakash P, et al. Neurotoxic reactive astrocytes induce cell death via saturated lipids[J]. <i>Nature</i> , 2021, 599(7883): 102-107.	49.9
TGF-β1	E-EL-0162	Zhang Y P, Guo Z Q, Cai X T, et al. PAI-1-driven SFRP2 ^{high} cancer-associated fibroblasts hijack the abscopal effect of radioimmunotherapy[J]. <i>Cancer Cell</i> , 2025, 43, 1-19.	48.8
Human PAI1	E-EL-H2104		
Mouse PAI1	E-EL-M3041		
Human GHRH	E-EL-H1146	Wang Z, Liu C, Zheng S, et al. Molecular subtypes of neuroendocrine carcinomas: A cross-tissue classification framework based on five transcriptional regulators[J]. <i>Cancer Cell</i> , 2024, 42(6): 1106-1125.	48.8
8-epi-PGF2α	E-EL-0041	Chen H, Liu C, Cui S, et al. Intermittent fasting triggers interorgan communication to suppress hair follicle regeneration[J]. <i>Cell</i> , 2025, 188(1): 157-174.	45.5
Mouse LEP (Leptin)	E-MSEL-M0033		
PGE2	E-EL-0034	Wu M, Song G, Li J, et al. Innervation of nociceptor neurons in the spleen promotes germinal center responses and humoral immunity[J]. <i>Cell</i> , 2024, 187(12): 2935-51.	45.5
Mouse ADH	E-EL-M0106	Bi Q Q, Wang C, Cheng G, et al. Microglia-derived PDGFB promotes neuronal potassium currents to suppress basal sympathetic tonic and limit hypertension[J]. <i>Immunity</i> , 2022, 55(8): 1466-1482.	43.4

Target	Cat. No.	Citation Information	IF
Human UST2	E-EL-H2047	Dinckal C, Guc ZG, Yilmaz HE, et al. Clinical significance of urotensin 2 plasma level in patients diagnosed with prostate cancer[J]. <i>Journal of clinical oncology</i> , 2025, 43, 249-249.	42.1
Rat BNP	E-EL-R0126	Peng F, Liao M, Liu W, et al. 2-APQC, a small-molecule activator of Sirtuin-3 (SIRT3), alleviates myocardial hypertrophy and fibrosis by regulating mitochondrial homeostasis[J]. <i>Signal transduction and targeted therapy</i> , 2024, 9(1): 133.	40.8
Human IL-6	E-EL-H6156	Zhang J, Zhao K, Zhou W, et al. Tet methylcytosine dioxygenase 2 (TET2) deficiency elicits EGFR-TKI (tyrosine kinase inhibitors) resistance in non-small cell lung cancer[J]. <i>Signal Transduction and Targeted Therapy</i> , 2024, 9(1): 65.	39.3
Human TNF-α	E-EL-H0109		
Mouse BALP	E-EL-M0200	**e X, Cheng P, Hu L, et al. Bone-targeting engineered small extracellular vesicles carrying anti-miR-6359-CGGGAGC prevent valproic acid-induced bone loss[J]. <i>Signal Transduction and Targeted Therapy</i> , 2024, 9(1): 24.	39.3
Mouse P I NP	E-EL-M0233		
Human INS	E-MSEL-H0001	Xu J, Zhang Y, Zhao S, et al. A bioinspired polymeric membrane-enclosed insulin crystal achieves long-term, self-regulated drug release for type 1 diabetes therapy[J]. <i>Nature Nanotechnology</i> , 2025, 1-0.	38.1

Elabscience® Antibodies & Proteins Citations

Target	Cat. No.	Citation Information	IF
SRSF3 Polyclonal Antibody	E-AB-32966	Ilik IA, Glažar P, Tse K, et al. Autonomous transposons tune their sequences to ensure somatic suppression[J]. <i>Nature</i> , 2024, 626(8001): 1116-1124.	50.5
KCNH7 Polyclonal Antibody	E-AB-53444	Rexach J E, Cheng Y Y, Chen L, et al. Cross-disorder and disease-specific pathways in dementia revealed by single-cell genomics[J]. <i>Cell</i> , 2024, 187(20): 5753-5774.	45.5
Goat Anti-Mouse IgG(H+L) (peroxidase/HRP conjugated)	E-AB-1001	Yuan Y, Cheng S, Bian G, et al. Efficient exploration of terpenoid biosynthetic gene clusters in filamentous fungi[J]. <i>Nature Catalysis</i> , 2022, 5(4): 277-287.	41.8
Goat Anti-Rabbit IgG (H+L) (peroxidase/HRP conjugated)	E-AB-1003		
2-step plus Poly-HRP Anti Rabbit/Mouse IgG Detection System (with DAB Solution)	E-IR-R213	Luo J H, Yang Q, Zhang X F, et al. TFPI is a Colonic Crypt Receptor for TcdB from Hypervirulent Clade 2 C. Difficile[J]. <i>Cell</i> , 2022, 185: 980.	41.5
Recombinant Human AMIGO2 Protein (aa 1-398, His Tag)	PKSH030569	Yamaguchi N, Wu YG, Ravetch E, et al. A targetable secreted neural protein drives pancreatic cancer metastatic colonization and HIF1α nuclear retention[J]. <i>Cancer Discovery</i> , 2024, 14(12): 2489-2508.	29.7
EpCAM Polyclonal Antibody	E-AB-70132	Redmer T, Raigel M, Sternberg C, et al. JUN Mediates the Senescence Associated Secretory Phenotype and Immune Cell Recruitment to Prevent Prostate Cancer Progression[J]. <i>Molecular Cancer</i> . 2024;23(1):114.	27.7
PDHA1 Polyclonal Antibody	E-AB-52930	Luo XP, Li XC, Li SY, et al. Metabolic intervention mitochondria nanomotors breakdown redox homeostasis for boosting oxidative stress-dependent antitumor therapy[J]. <i>Materials Today</i> . 2024;80(187-200).	27.1
Recombinant Mouse HMGB1/HMG1 Protein (Fc Tag)(Active)	PKSM040443	Roquilly A, Jacqueline C, Davieau M, et al. Alveolar Macrophages are Epigenetically Altered after Inflammation, Leading to Long-Term Lung Immunoparalysis[J]. <i>Nature Immunology</i> , 2020: 1-13.	20.4

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