
CHOOSE
THE
BEST



Catalog for featured
Abs • Duos • ELISA kits




www.arigobio.com


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Antibody Host:

Rabbit 

Mouse 

Rat 

Chicken 



About arigo

Have you noticed a **squirrel** hidden in the logo of arigo? arigo Biolaboratories use the squirrel as a symbol and aim to provide quality **antibodies**, antibody duos/panels, and ELISA kits to facilitate scientific research. Our specialty **antibody duos** or antibody **panels** offer an all-in-one solution to make research easy and economic. arigo also offers diverse **ELISA kits** to meet the needs in the emerging research world.

Excellence

Offer smart solutions (Ab duos / panels / ELISA kits) to facilitate experiments and research.

Nuts about antibodies

Only the best are offered.
Only the smartest are accomplished.



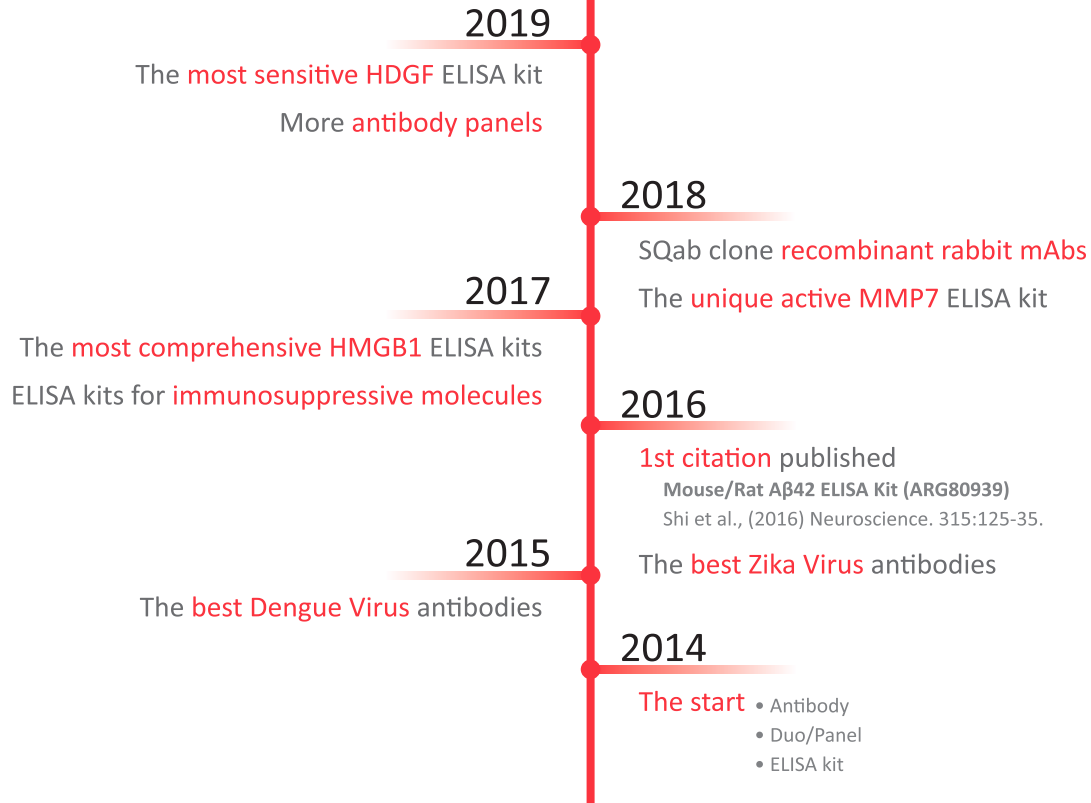
Responsiveness

Follow the research frontier and bring out cutting edge research solutions.

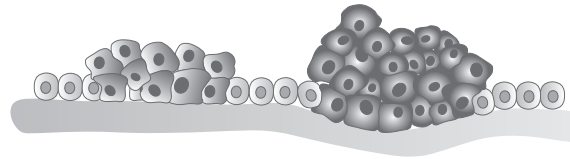
Quality

Extensively validate antibodies to provide specific and reliable products.

Milestones



Proliferation

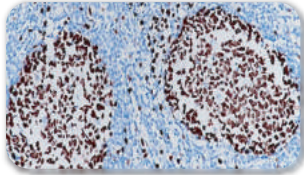


Hypoxia



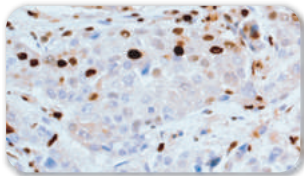
Ki-67 antibody [SQab1897] (ARG66347)

IHC-P
Hu

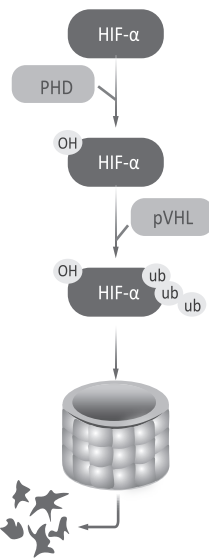


PCNA antibody [PC10] (ARG62605)

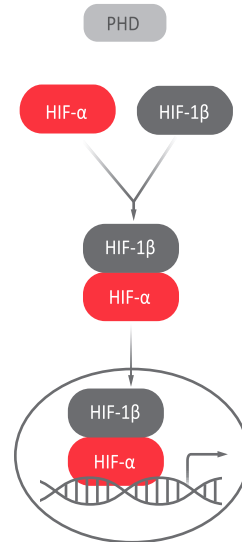
FACS, ICC/IF, IHC-Fr, IHC-P, IP, WB
Hu, Ms, Rat, Ck, Dm, Mk, Pig, Zfsh



Normoxia



Hypoxia



Normoxia
Hypoxia

HIF-1α antibody [ESEE122] (ARG10515)
ELISA, FACS, ICC/IF, IHC-Fr, IHC-P, WB
Hu, Ms, Rat, Bv



arigo's tips for HIF-1α detection

Q. How to detect HIF-1α by WB?

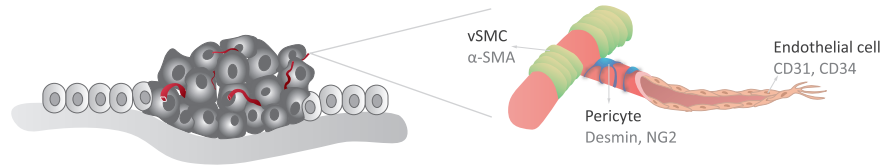
HIF-1α, even the overexpressed protein, is rapidly degraded in normoxic cells. It's necessary to stabilize the HIF-1α by one of the following steps.

- Incubate the cells in hypoxia incubator chamber for 2-8 hrs
- Treat the cells with CoCl₂ (50-200 μM for 4-24 hrs) or DMOG (0.1-1 mM for 12-48 hrs)

Q. Why the MW of HIF-1α isn't as predicted?

The predicted MW of HIF-1α is 93kDa. However, the HIF-1α band is usually at 110-130 kDa due to the post-translational modification. Sometimes, it's possible to detect the degraded HIF-1α at 40-60 kDa. On non-reducing gels, the dimeric HIF-1α proteins run at ~200 kDa.

Angiogenesis



Circulating markers

	Product	Sensitivity	Cat. No.
VEGF	Human VEGF ELISA Kit	8 pg/ml	ARG80124
	Mouse VEGF ELISA Kit	8 pg/ml	ARG80207
	Rat VEGF ELISA Kit	15 pg/ml	ARG80242
PIGF1	Human PIGF1 ELISA Kit	15 pg/ml	ARG80142
	Human bFGF ELISA Kit	65 pg/ml	ARG80141
bFGF	Mouse bFGF ELISA Kit	23 pg/ml	ARG81276
	Rat bFGF ELISA Kit	3 pg/ml	ARG81355

Microvascular Density Antibody Panel (ARG30327)

Ideal for examining angiogenesis in tumor tissues and xenograft model

- Includes **proliferation marker** Ki-67 antibody
- Includes **endothelial cell marker** CD31 antibody
- Includes **mural cell markers** Desmin and α -SMA antibodies
- Excellent IHC performance

Component	Reactivity	Application
Ki-67 antibody [SQab1897]	Hu	IHC-P
CD31 antibody	Hu, Ms, Pig	ICC/IF, IHC-Fr, IHC-P, WB
Desmin antibody [SQab1722]	Hu, Ms, Rat	IHC-P, WB
α -SMA antibody [SQab18108]	Hu, Ms, Rat, Mk, Bv, Dog, Pig, Zfsh	FACS, ICC/IF, IHC-P, WB
anti-Rabbit IgG antibody (HRP)	Rb	ELISA, IHC-P, WB

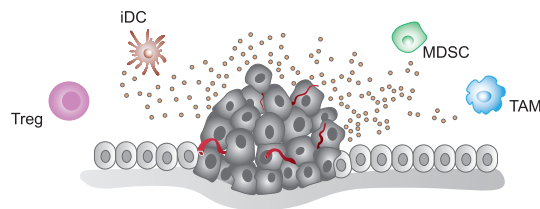


Latest citations

CD31 antibody (ARG52748)

- Su et al., (2019) ACS Nano. 13(4):4290-4301. (IHC-P / Ms)
 Yang et al., (2019) Cancer Res. 79(3):557-571. (IHC-P / Ms)
 Chen et al., (2019) Cell Death Differ. 26(7):1346-1364. (IHC-P / Ms)
 Xu et al., (2018) J Exp Clin Cancer Res. 37(1):207. (IHC- P / Ms)
 Lin et al., (2018) J Tissue Eng Regen Med. 12(10):2099-2111. (ICC/IF / Hu)

Immunosuppression



Immunosuppressive cytokines

	Product	Sensitivity	Cat. No.
CXCL12	Human CXCL12 ELISA Kit	60 pg/ml ²	ARG80121
	Human IL6 ELISA Kit	1.5 pg/ml	ARG80110
	Mouse IL6 ELISA Kit	8 pg/ml	ARG80199
IL6	Rat IL6 ELISA Kit	30 pg/ml	ARG80233
	Human IL10 ELISA Kit	0.4 pg/ml	ARG80113
IL10	Mouse IL10 ELISA Kit	15 pg/ml	ARG80200
	Rat IL10 ELISA Kit	30 pg/ml	ARG80234
TGFβ	Human TGFβ ELISA Kit	15 pg/ml	ARG80123
	Mouse TGFβ ELISA Kit	15 pg/ml	ARG80211
	Rat TGFβ ELISA Kit	15 pg/ml	ARG80245

Latest citations



Mouse IL1β ELISA Kit (ARG80196)
 Mouse IL6 ELISA Kit (ARG80199)
 Mouse IL10 ELISA Kit (ARG80200)
 Mouse TNFα ELISA Kit (ARG80206)

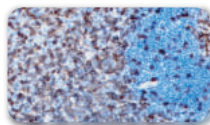
Sudirman et al., (2018) PLoS One. 13(10):e0205252.

Immunosuppressive cells


Treg cell markers

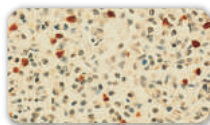
CD4 antibody [SQab1714]
(ARG65860)

 FACS, IHC-P, IP, WB
 Hu




FOXP3 antibody
(ARG59288)

 IHC-P, WB
 Hu, Ms, Rat




MDSC markers

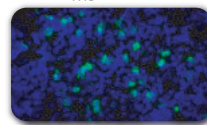
CD11b antibody [M1/70]
(ARG22000)

 FACS, ICC/IF, IHC-Fr
 IHC-P, IP
 Hu, Ms, Bb, Mk




Ly6G/Ly6C antibody
[RB6-8C5] (ARG22104)

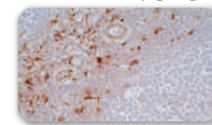
 FACS, IHC-Fr,
 IHC-P, IP
 Ms




TAM markers

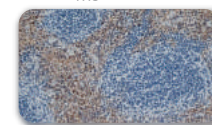
CD163 antibody [EDHu-1]
(ARG22838)

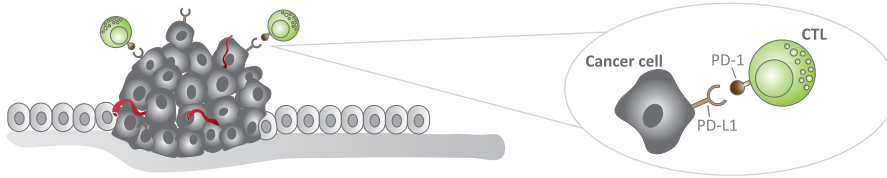
 ELISA, FACS, ICC/IF,
 IHC-Fr, IHC-P, WB
 Hu, Bv, Gpig, Pig, Mk, Sh



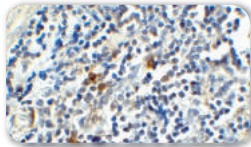
F4/80 antibody [Cl:A3-1]
(ARG22476)


 EM, FACS, ICC/IF, IHC-Fr,
 IHC-P, IP, RIA, WB
 Ms

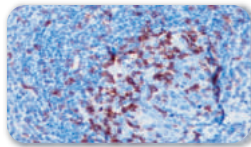





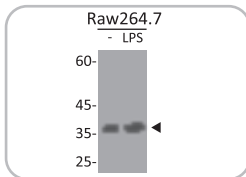
Immunosuppressive checkpoints




CTLA4 antibody [1E6]
(ARG58439)
 ICC/IF, IHC-P, WB
 Hu



PD-1 antibody [SQab1732]
(ARG66243)
 FACS, ICC/IF, IHC-P, IP
 Hu

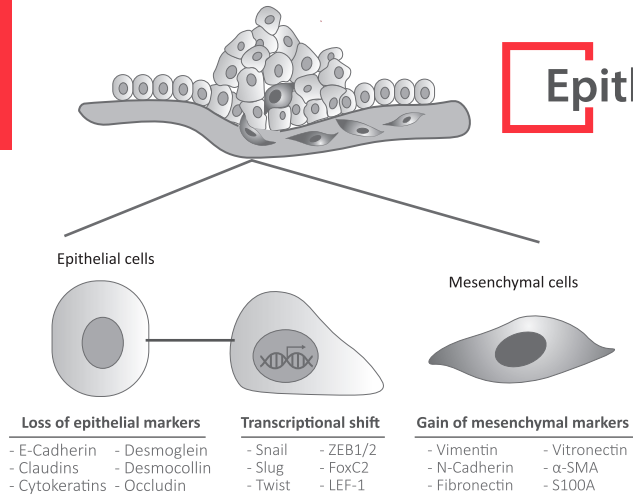


PD-L1 antibody (ARG55930)
 FACS, ICC/IF, IHC-P, WB
 Hu, Ms

Soluble immune checkpoints

	Product	Sensitivity	Cat. No.
CD200	Human CD200 ELISA Kit	15.6 pg/ml	ARG81802
	Mouse CD200 ELISA Kit	15.6 pg/ml	ARG81836
Galectin-1	Human Galectin-1 ELISA Kit	78 pg/ml	ARG81451
	Mouse Galectin-1 ELISA Kit	78 pg/ml	ARG81735
	Rat Galectin-1 ELISA Kit	78 pg/ml	ARG82103
Galectin-3	Human Galectin-3 ELISA Kit	31 pg/ml	ARG81257
	Mouse Galectin-3 ELISA Kit	31.25 pg/ml	ARG81736
Galectin-9	Human Galectin-9 ELISA Kit	46.9 pg/ml	ARG81503
HVEM	Human HVEM / TR2 ELISA Kit	7.8 pg/ml	ARG81855
	Mouse HVEM / TR2 ELISA Kit	7.8 pg/ml	ARG81856
PD-1	Human PD-1 ELISA Kit	0.44 pg/ml	ARG81360
	Mouse PD-1 ELISA Kit	8 pg/ml	ARG81342
PD-L1	Human PD-L1 ELISA Kit	31.25 pg/ml	ARG81929
	Mouse PD-L1 ELISA Kit	15.6 pg/ml	ARG81930
PD-L2	Human PD-L2 ELISA Kit	31.25 pg/ml	ARG81580
TIM3	Human TIM3 ELISA Kit	15.6 pg/ml	ARG81989
	Mouse TIM3 ELISA Kit	15.6 pg/ml	ARG81990

Epithelial-mesenchymal transition (EMT)



Latest citations

E-Cadherin antibody [SQab1717] (ARG66195)

Vimentin antibody [SQab1721] (ARG66199)

Li et al., (2019) J Exp Clin Cancer Res. 38(1):6. (WB / Hu)

ZO-1 antibody (ARG55738)

Liu et al., (2018) Phytother Res. 1047-1055. (WB / Rat)

Liu et al., (2018) Neural Regen Res. 13(11):1974-1980. (WB / Ms)

EMT Marker Antibody Panel (ARG30320)

- Includes both **epithelial and mesenchymal** markers
- Includes the most suitable **loading control**
- Includes secondary antibody
- Comprises antibodies with good performance

Component	Reactivity	Application
E-Cadherin antibody [SQab1717]	Hu	IHC-P, WB
Vimentin antibody [SQab1721]	Hu, Ms	FACS, ICC/IF, IHC-P, IP, WB
N-Cadherin antibody	Hu, Ms, Rat, Sh	ELISA, FACS, ICC/IF, IHC-P, IP, WB
GAPDH antibody [SQab1878]	Hu, Ms, Rat, Bv, Ck, Mk, Pig, XI, Zfsh	FACS, ICC/IF, IHC-P, IP, WB
anti-Rabbit IgG antibody (HRP)	Rb	ELISA, IHC-P, WB

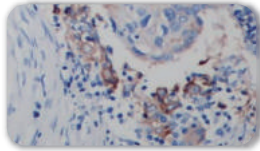
Pathology

SQab clone rabbit mAbs

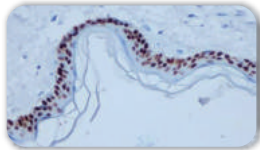
- Proprietary recombinant antibody technology
- Excellent specificity and sensitivity
- High consistency and reproducibility
- Outstanding IHC performance

Lung cancer

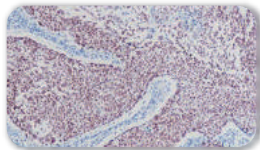
PD-L1 antibody [SQab1716]
(ARG65862)



p40 antibody [SQab1740]
(ARG66251)

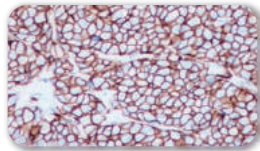


p63 antibody [SQab1893]
(ARG66343)

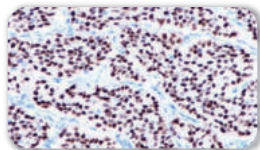


Breast cancer

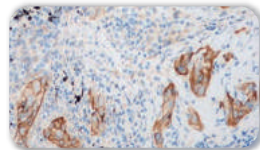
HER2 antibody [SQab1890]
(ARG66357)



ER α antibody [SQab1889]
(ARG66356)

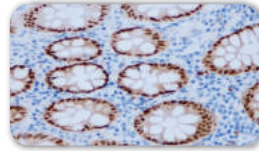


EGFR antibody [SQab1726]
(ARG66204)

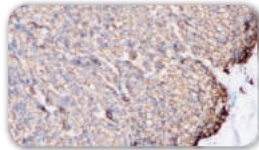


Gastrointestinal cancer

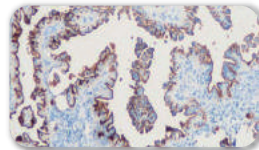
CDX2 antibody [SQab1733]
(ARG66244)



DOG-1 antibody [SQab1739]
(ARG66250)

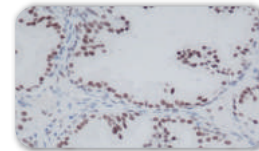


MUC1 antibody [SQab1891]
(ARG66358)

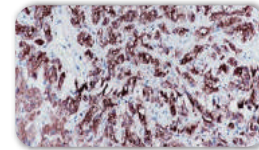


Prostate cancer

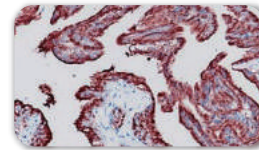
Androgen Receptor antibody
[SQab1729] (ARG66207)



PSA antibody [SQab1895]
(ARG66345)



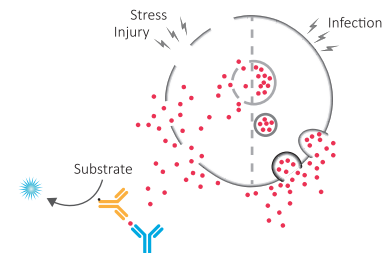
PSAP antibody [SQab1899]
(ARG66349)



ELISA kits for frontier research

The most comprehensive HMGB1 ELISA kits

HMGB1 is a multifunctional protein with various roles in different cellular compartments. Extracellular HMGB1 has attracted the attention as its association with **cell proliferation, invasion and metastasis, angiogenesis, and immunosuppression**. arigo offers the most comprehensive ELISA kits to facilitate the HMGB1 research.



Advantages

- **Specific**
HMGB1 specific. No cross reactivity with HMGB2.
- **Flexible**
Suitable for multiple samples from multiple species.
- **Easy & Fast**
Only 2 incubations and 1 wash steps are required.

Product	Reactivity	Sample types	Cat. No.
Human HMGB1 ELISA Kit	Hu	Plasma, Culture sup.	ARG81185
Mouse/Rat HMGB1 ELISA Kit	Ms, Rat	Plasma, Culture sup., Lysate	ARG81310
HMGB1 ELISA Kit	Hu, Ms, Rat	Serum	ARG81351



Latest citations

Human HMGB1 ELISA Kit (ARG81185)

Di et al., (2019) J Gastroenterol Hepatol. 34(4):728-735

Mouse/Rat HMGB1 ELISA Kit (ARG81310)

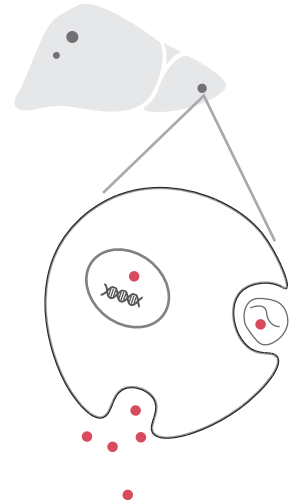
Takahashi et al., (2019) Oncotarget. 10(6):633-646.

He et al., (2019) J Cell Physiol. doi: 10.1002/jcp.28351.

ELISA kits for frontier research

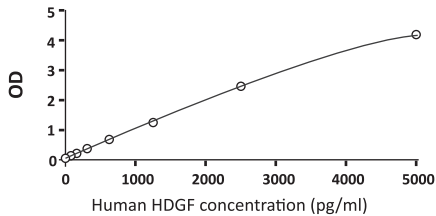
The most sensitive HDGF ELISA kit

Hepatoma-derived growth factor (HDGF) is a heparin-binding growth factor that can translocate into the nucleus or secreted to extracellular space. Extracellular HDGF binds to an unidentified receptor and involves in **proliferation, epithelial-mesenchymal transition (EMT), and cell migration**. HDGF is also found in **exosomes** implying its aggressive potential for cancer progression. arigo offers excellent antibodies and ELISA kit to facilitate the research of HDGF's roles in cancer progression.



Human HDGF ELISA Kit (ARG81356)

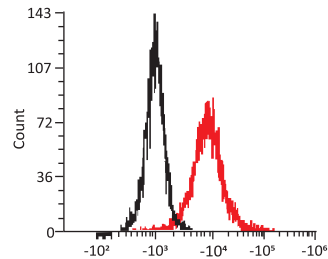
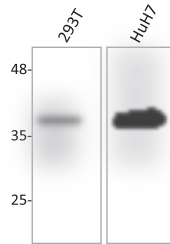
Sensitivity: ~ 30 pg/ml



HDGF antibody [SQab1746] (ARG66283)



ELISA, FACS, ICC/IF, IHC, WB
Hu, Ms, Rat



ELISA kits for frontier research

The unique active MMP7 ELISA kit

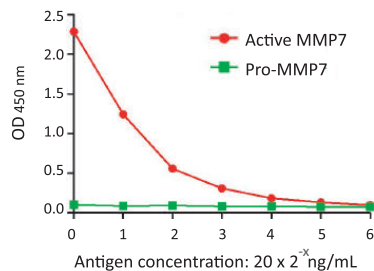
MMP-7 is expressed at low levels in adult epithelial cells but is upregulated in a variety of disease states, including gastrointestinal cancers and multiple organ fibrosis. It is involved in **tumor metastasis** and **inflammatory processes**. The active MMP7 cleaves proMMP2 and proMMP9 to facilitate cancer invasion. In addition, MMP7 cleaves the Syndecan-1–IL8 complex to generate active IL8, which in turn acts as a neutrophil chemoattractant. arigo offers excellent ELISA kits to simplify the quantification of either active MMP7 or total MMP7 levels. The kits are the best solution to facilitate MMP7-related studies.

Advantages

- **Active form-specific**
Only active MMP7 proteins are detected.
- **Flexible**
Suitable for multiple samples including serum, plasma, saliva, urine, and cell culture supernatant.
- **Easy & Fast**
Simply 2 incubation steps and 2 wash cycles are required. Only 3.5 hours of assay length.

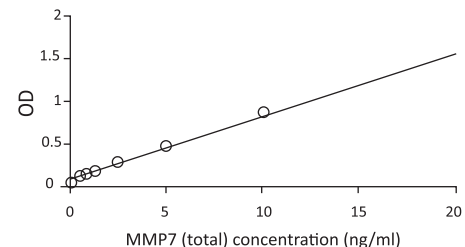
Human MMP7 (active) ELISA Kit (ARG82010)

Sensitivity: 0.102 ng/ml

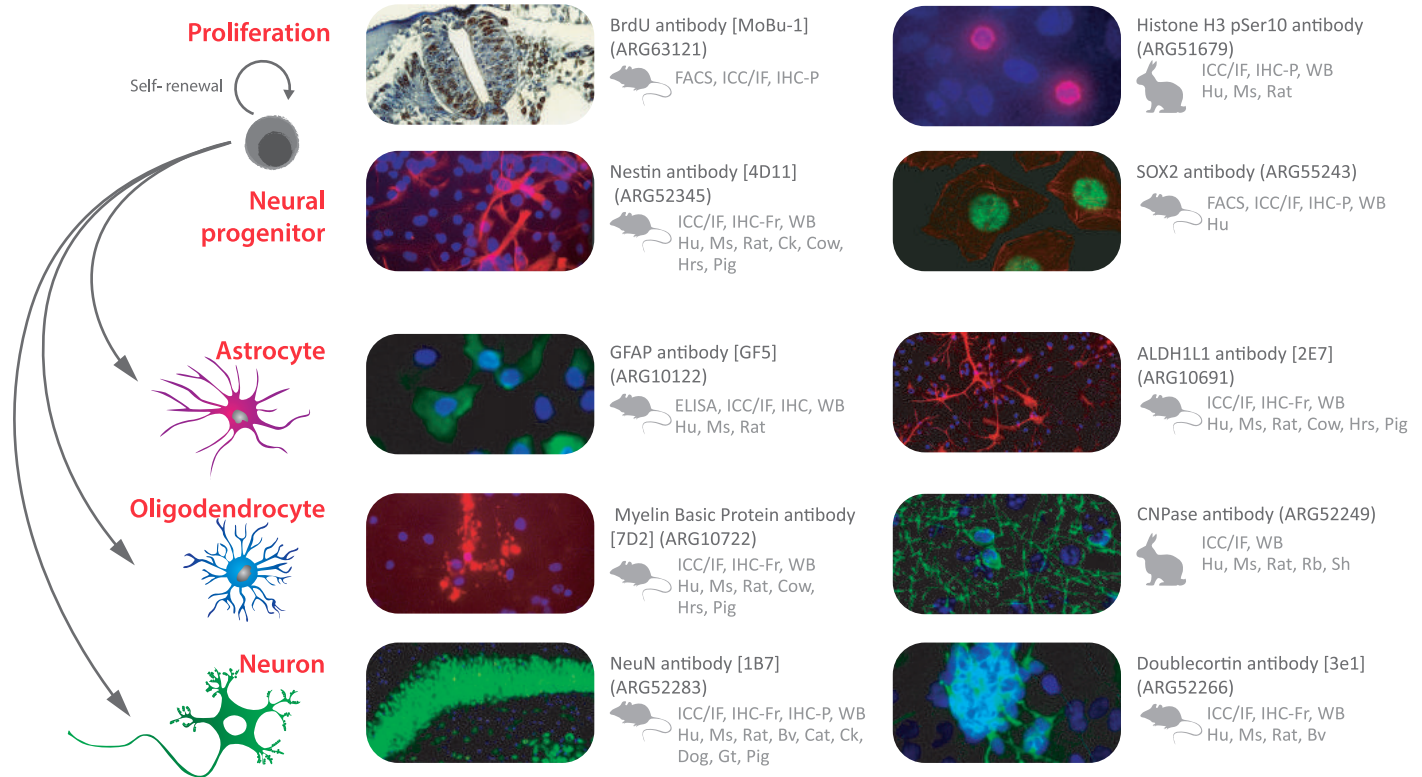


Human MMP7 (total) ELISA Kit (ARG82009)

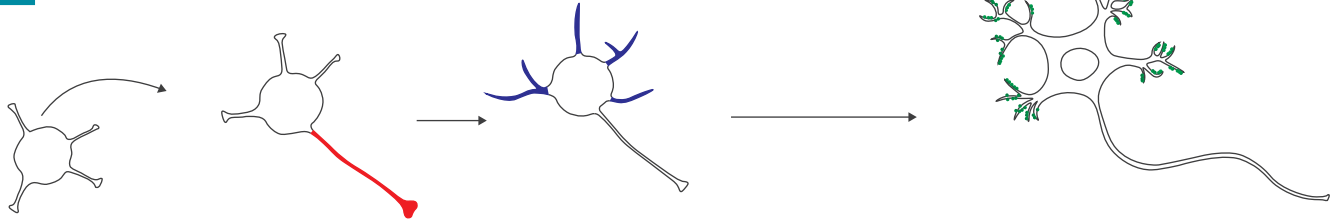
Sensitivity: 0.21 ng/ml



Neural lineage




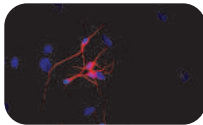
Neuronal polarity & Synaptogenesis




Axon

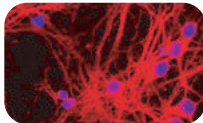
β 3-Tubulin antibody
[TU-20] (ARG62683)

 FACS, ICC/IF, IHC-P, WB
Hu, Ms, Rat, Bb, Bv, Ck,
Hm, Pig




Tau antibody [5B10]
(ARG10727)

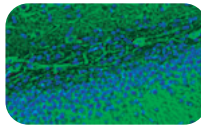
 ICC/IF, IHC-Fr, WB
Hu, Ms, Rat, Cow,
Hrs, Pig




Dendrite

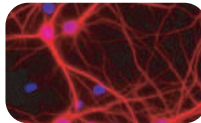
MAP2 antibody [4H5]
(ARG10719)

 ICC/IF, IHC-Fr, WB
Hu, Ms, Rat, Bv




MAP2 antibody
(ARG52328)

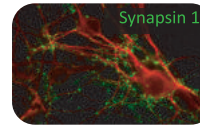
 ICC/IF, IHC-Fr, IHC-P, WB
Hu, Ms, Rat, Bv, Dog, Sh




Pre-synapse

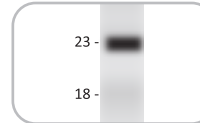
Synapsin 1 antibody
(ARG52426)

 ICC/IF, IHC, IP, WB
Hu, Ms, Rat




SNAP25 antibody
[SP-12] (ARG22273)

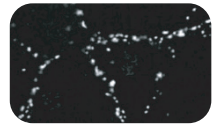
 ELISA, ICC/IF, IHC, WB
Hu, Ms, Rat, Cat, Pig




Post-synapse

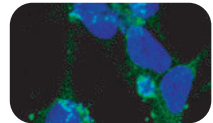
PSD95 antibody [6G6]
(ARG20545)

 ICC/IF, IHC, WB
Hu, Ms, Rat, Bv



PSD93 antibody [S18-30]
(ARG22227)

 ICC/IF, IHC, IP, WB
Hu, Ms, Rat



Neuroactive substances

Neurotransmitters

Latest citations

Adrenaline ELISA Kit (ARG80442)
Komano et al., (2018) J Int Soc Sports Nutr. 15(1):39.

Dopamine ELISA Kit (ARG80450)
Glutamate ELISA Kit (ARG80453)
Paik et al., (2018) Clin Psychopharmacol Neurosci. 16(3):276-281.

Serotonin ELISA Kit (ARG80480)
Lee et al., (2018) Sci Rep. 8(1):3497.

	Product	Sensitivity	Cat. No.
Adrenaline	Adrenaline ELISA Kit	Plasma: 10 pg/ml Urine: 0.9 ng/ml	ARG80442
Noradrenaline	Noradrenaline ELISA Kit	1.3 pg/ml	ARG80475
Dopamine	Dopamine ELISA Kit	0.25 ng/ml	ARG80450
GABA	GABA ELISA Kit	Serum/Plasma: 25 ng/ml Urine: 49 ng/ml	ARG80451
Glutamate	Glutamate ELISA Kit	0.3 µg/ml	ARG80453
Histamine	Histamine ELISA Kit	Plasma: 0.12 ng/ml Urine: 0.30 ng/ml	ARG80455
Serotonin	Serotonin ELISA Kit	6.2 ng/ml	ARG80480

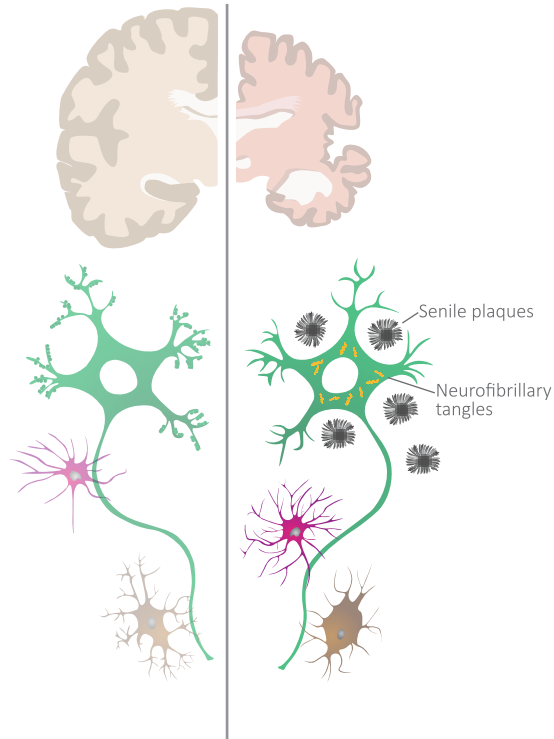
Neuropeptides

	Product	Sensitivity	Cat. No.
AgRP	AgRP / Agouti-related protein ELISA Kit	3.9 pg/ml	ARG81577
Neuropeptide Y	Neuropeptide Y ELISA Kit	0.09 ng/ml	ARG80934
Neurotensin	Neurotensin ELISA Kit	0.2 ng/ml	ARG81122
Orexin A	Orexin A ELISA Kit	0.18 ng/ml	ARG81308
Substance P	Substance P ELISA Kit	30 pg/ml	ARG82001
VIP	VIP ELISA Kit	0.12 ng/ml	ARG81246

Neurotrophic factors

	Product	Sensitivity	Cat. No.
Artemin	Human Artemin ELISA Kit	31.25 pg/ml	ARG81601
	Mouse Artemin ELISA Kit	15.6 pg/ml	ARG81951
BDNF	proBDNF ELISA Kit	16 pg/ml	ARG81240
	Human BDNF ELISA Kit	7 pg/ml	ARG81251
	Mouse BDNF ELISA Kit	15.6 pg/ml	ARG82007
CNTF	Human CNTF ELISA Kit	0.07 ng/ml	ARG80954
	Mouse CNTF ELISA Kit	6 pg/ml	ARG82008
	Rat CNTF ELISA Kit	15 pg/ml	ARG80249
GDNF	Human GDNF ELISA Kit	< 4 pg/ml	ARG80953
	Mouse GDNF ELISA Kit	15.6 pg/ml	ARG81780
	Rat GDNF ELISA Kit	15.6 pg/ml	ARG81648
Neurotrophin	Human Neurotrophin 3 ELISA Kit	< 2 pg/ml	ARG81354
	Mouse Neurotrophin 3 ELISA Kit	7.8 pg/ml	ARG81664
	Rat Neurotrophin 3 ELISA Kit	7.8 pg/ml	ARG81665
	Human Neurotrophin 4/5 ELISA Kit	15.6 pg/ml	ARG81416
NGF	Human β -NGF ELISA Kit	4 pg/ml	ARG80133
	Mouse β -NGF ELISA Kit	15.6 pg/ml	ARG81663
	Rat β -NGF ELISA Kit	7 pg/ml	ARG81285
Persephin	Human Persephin ELISA Kit	46.85 pg/ml	ARG81594
	Mouse Persephin ELISA Kit	46.85 pg/ml	ARG81937

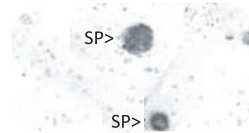
Alzheimer's disease (AD)



Senile plaques (SP)

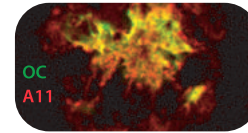
β-Amyloid (1-16) antibody [AB9] (ARG10753)

ICC/IF, IHC-P, WB
Hu



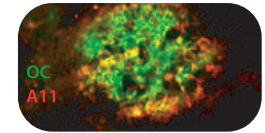
Amyloid Fibrils (OC) antibody (ARG22204)

ELISA, ICC/IF, IHC, IP, WB
Hu



Amyloid Oligomers (A11) antibody (ARG22203)

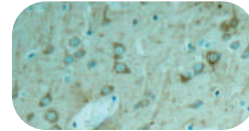
ELISA, ICC/IF, IHC, IP, WB
Hu, Ms, Rat



Neurofibrillary tangles (NFT)

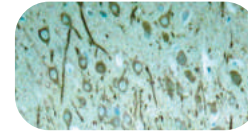
Tau antibody (ARG51094)

IHC-P, WB
Hu, Ms, Rat



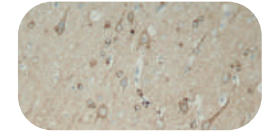
Tau pThr231 antibody (ARG51612)

IHC-P, WB
Hu, Ms, Rat



Tau pSer396 Antibody (ARG51604)

IHC-P, WB
Hu, Ms, Rat



AD biomarkers

	Product	Sensitivity	Cat. No.
β-Amyloid (1-40)	Human β-Amyloid (1-40) ELISA Kit	1 pg/ml	ARG81300
	Mouse/Rat β-Amyloid (1-40) ELISA Kit	0.28 pg/ml	ARG80980
β-Amyloid (1-42)	Human β-Amyloid (1-42) ELISA Kit	0.29 pg/ml	ARG81143
	Mouse/Rat β-Amyloid (1-42) ELISA Kit	2 pg/ml	ARG80939
Tau	Human Tau ELISA Kit	5.2 pg/ml	ARG81145
p-Neurofilament	Phosphorylated Neurofilament ELISA Kit		ARG81164

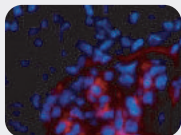
Neuroinflammation

Neuroinflammation Antibody Panel (ARG30324)

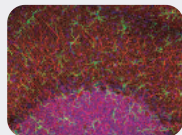
- Ideal for **triple staining** samples from **human, mouse and rat**
- Includes **active microglial marker** CD68 antibody
- Includes **general microglial marker** Iba1 antibody
- Includes **astrocyte marker** GFAP antibody

Component	Reactivity	Application	Host
CD68 antibody [KP1]	Hu, Ms, Rat, Rb	FACS, ICC/IF, IHC-Fr, IHC-P, WB	Mouse
Iba1 antibody	Hu, Ms, Rat	ICC/IF, IHC-Fr, WB	Rabbit
GFAP antibody	Hu, Ms, Rat, Bv, Cat, Ck, Mk, Rb	ELISA, FACS, ICC/IF, IHC-Fr, IHC-P, WB	Chicken

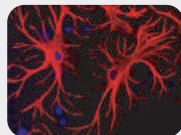
CD68 antibody



Iba1 antibody



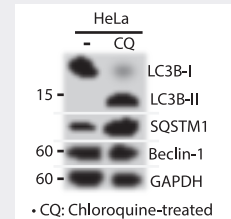
GFAP antibody



Autophagic clearance

Autophagy Antibody Panel (ARG30321)

- Includes **autophagy markers**
- Includes the most suitable **loading control**
- Includes secondary antibody
- Comprises antibodies with good performance



Component	Reactivity	Application
LC3B antibody	Hu, Ms, Rat	ICC/IF, IHC-P, WB
SQSTM1 antibody	Hu, Ms	ICC/IF, IHC-P, IP, WB
Beclin-1 antibody	Hu, Ms, Rat	IHC-P, WB
GAPDH antibody [SQab1878]	Hu, Ms, Rat, Bv, Ck, Mk, Pig, XI, Zfsh	FACS, ICC/IF, IHC-P, IP, WB
anti-Rabbit IgG antibody (HRP)	Rb	ELISA, IHC-P, WB

Latest citation

SQSTM1 / p62 antibody (ARG55040)

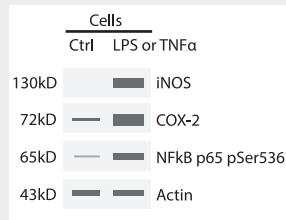
Tseng et al., (2019) Phytother Res. 33(4):1199-1207. (WB / Hu)

Inflammation

Inflammation Antibody Panel (ARG30323)

Ideal for studying inflammation in cultured cells

- Includes **NFkB activation marker** in response to multiple inflammatory stimuli
- Includes key **inflammation markers** iNOS and COX-2 antibodies
- Includes the most suitable **loading control**
- Includes secondary antibody



Component	Reactivity	Application
NFkB p65 pSer536 antibody	Hu, Ms, Rat	ICC/IF, IHC-P, WB
iNOS antibody	Hu, Ms, Rat, Mamm	ICC/IF, IHC-P, IP, WB
COX-2 antibody	Hu, Ms, Rat, Gpig, Mk, Rb, Sh	ICC/IF, IHC, WB
β-Actin antibody	Hu, Ms, Rat, Rb, Sh	IHC-P, WB
anti-Rabbit IgG antibody (HRP)	Rb	ELISA, IHC-P, WB

Inflammatory cytokines

	Human	Mouse	Rat
IL1β	ARG80101	ARG80196	ARG80235
IL6	ARG80110	ARG80199	ARG80233
IL8	ARG80111		
IL12 p70	ARG80115	ARG80201	ARG81993
IL18	ARG80138	ARG80946	ARG81692
GM-CSF	ARG80122	ARG80229	ARG81282
IFNγ	ARG80117	ARG80205	ARG80240
MCP-1 / CCL2	ARG80128	ARG80212	ARG80246
TNFα	ARG80120	ARG80206	ARG80241

Latest citations

iNOS antibody (ARG56509)

Motterlini et al., (2019) Redox Biol. 20:334-348. (IHC-P / Ms)

Mouse IL1β ELISA Kit (ARG80196)

Mouse IL6 ELISA Kit (ARG80199)

Mouse TNFα ELISA Kit (ARG80206)

Zou et al., (2017) Sci Rep. 7(1):2454.

Mouse IL1β ELISA Kit (ARG80196)

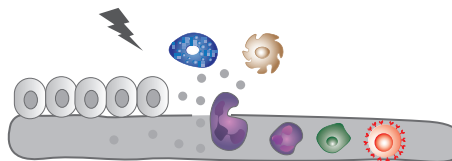
Mouse IL6 ELISA Kit (ARG80199)

Mouse IL10 ELISA Kit (ARG80200)

Mouse TNFα ELISA Kit (ARG80206)

Sudirman et al., (2018) PLoS One. 13(10):e0205252.

Inflammatory cells



Human Inflammatory Cell Antibody Panel (ARG30325)

Ideal for labeling inflammatory cells in human samples

- Includes **neutrophil marker** MPO antibody
- Includes **macrophage marker** CD68 antibody
- Includes **T cell marker** CD3 antibody
- Includes **B cell marker** CD20 antibody
- Outstanding **IHC** performance

Cell marker	Component	Application
Neutrophil	MPO antibody	IHC-P, WB
Macrophage	CD68 antibody [SQab1742]	FACS, IHC-P
T cell	CD3 antibody [SQab1713]	FACS, ICC/IF, IHC-P, IP, WB
B cell	CD20 antibody [SQab1719]	FACS, ICC/IF, IHC-P, IP
	anti-Rabbit IgG antibody (HRP)	ELISA, IHC-P, WB

Mouse Inflammatory Cell Antibody Panel (ARG30326)

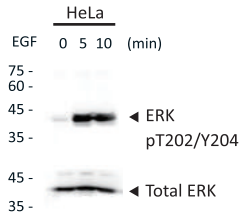
Ideal for labeling inflammatory cells in mouse samples

- Includes **neutrophil marker** Ly6G/Ly6C antibody
- Includes **macrophage marker** F4/80 antibody
- Includes **T cell marker** CD3 antibody
- Includes **B cell marker** B220 antibody
- Outstanding **IHC** performance

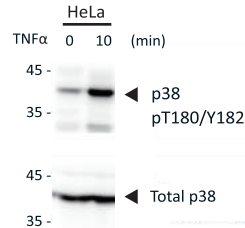
Cell marker	Component	Application
Neutrophil	Ly6G/Ly6C antibody [RB6-8C5]	Depletion, FACS, IHC-P, IHC-Fr, IP
Macrophage	F4/80 antibody [Cl:A3-1]	EM, FA CS, ICC/IF, IHC-P, IHC-Fr, IHC-R, IP, RIA, WB
T cell	CD3 antibody [CD3-12]	FACS, ICC/IF, IHC-P, IHC-Fr, WB
B cell	B220 antibody [RA3-6B2]	FACS, FuncSt, ICC/IF, IHC-P, IHC-Fr, IP

MAPK activation

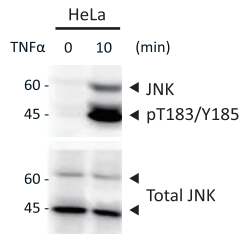
Phospho-ERK Antibody Duo (ARG30264)



Phospho-p38 Antibody Duo (ARG30272)

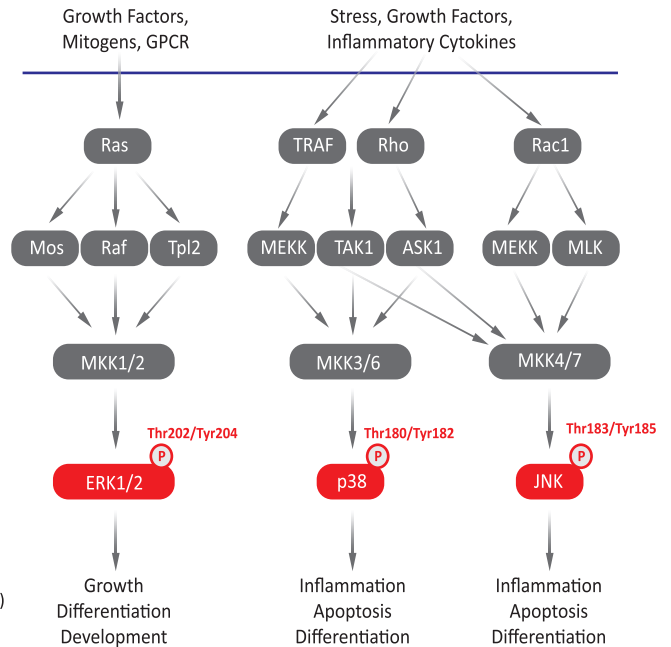


Phospho-JNK Antibody Duo (ARG30294)



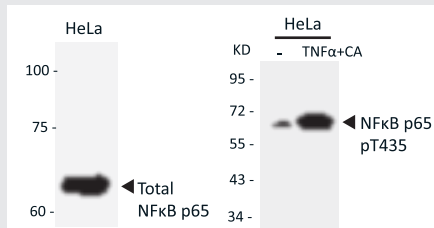
📖 Latest citations

- ERK antibody (ARG55797)
 - ERK pThr202/Tyr204 antibody (ARG52277)
 - JNK antibody (ARG51218)
 - JNK pThr183 antibody (ARG51736)
 - p38 antibody (ARG54444)
 - p38 antibody (ARG55258)
 - p38 pThr180/Tyr182 antibody (ARG20124)
- Wang et al., (2018) Eur J Med Chem. 158:548-558. (WB / Hu)

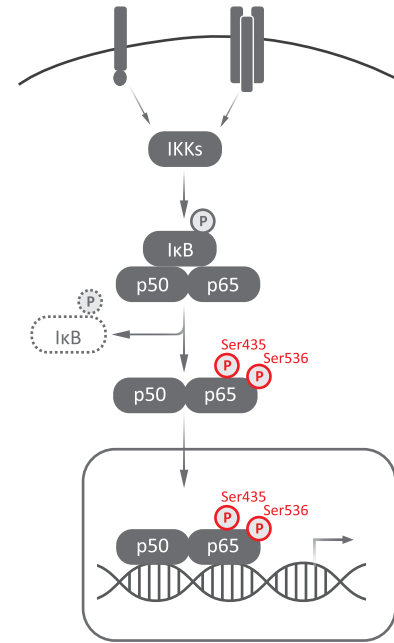
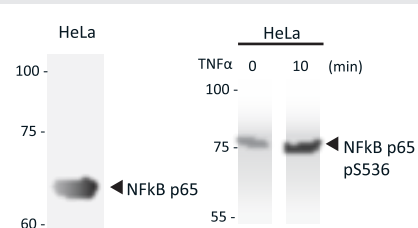


NFκB activation

Phospho-NFκB p65 Antibody Duo (ARG30254)



Phospho-NFκB p65 Antibody Duo (ARG30248)



Signaling

Latest citations

NFκB p65 antibody (ARG65677)
 Liu et al., (2018) *Mediators Inflamm.* 2018:6016272.
 (ICC/IF, WB / Rat)

IκBα antibody (ARG54710)
 Sonoki et al., (2018) *J Nutr Biochem.* 56:205-214.
 (WB / Hu)

Zika virus and Dengue virus antibodies

- Advantages**
- Specific
 - Multiple applications

Zika virus NS1 antibody [SQab1609] (ARG65781)

 ELISA, FACS, ICC/IF, IHC-P, WB



Zika virus NS1 antibody [SQab1610] (ARG65782)

 ELISA, FACS, ICC/IF, WB



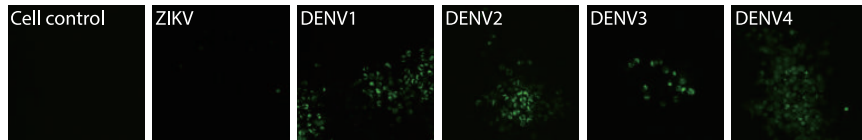
Zika virus Envelope (E) protein antibody [SQab1749] (ARG66286)

 ELISA, FACS, ICC/IF, IHC-P, WB



Dengue virus NS1 antibody [SQab1501] (ARG65660)

 ELISA, FACS, ICC/IF, WB



 **Latest citations**

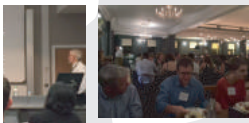
Zika virus NS1 antibody [SQab1609] (ARG65781)
 Bollweg et al., (2017) J Pathol Clin Res. 4(1):19-25.
 Rabelo et al., (2017) Front Immunol. 8:1704.

Zika virus NS1 antibody [SQab1610] (ARG65782)
 Lee et al., (2017) Anal Chem. 89(23):12743-12748.



Scientific activities





Latest citations of antibodies

Adiponectin antibody (ARG22406)

Angiotensin I/II 1-7 antibody (ARG70007)

Loria et al., (2018) Am J Physiol Regul Integr Comp Physiol. 315(6):R1085-R1095. (IHC-P / Rat)

Akt pThr308 antibody (ARG51559)

Liu et al., (2018) Cancer Sci. 109(12):3762-3773. (WB / Ms)
Wang et al., (2019) Mol Med Rep. 19(1):499-507. (WB / Rat)

Akt pSer473 antibody (ARG51558)

Qiao et al., (2017) Toxicol Lett. 284:37-45. (WB / Rat)

Aldolase antibody [E9] (ARG10693)

Zhang et al., (2019) J Cell Mol Med. 23(2):1001-1013. (IHC-P / Rat)

Aquaporin 4 antibody (ARG22361)

Gao et al., (2019) Life Sci. 221:143-151. (ICC/IF, WB / Rat)

Bax antibody (ARG65612)

Bcl-2 antibody (ARG55188)

Wang et al., (2018) Oncol Lett. 15(4):5887-5892. (WB / Ms)

Bcl-2 antibody (ARG55188)

Xing et al., (2018) Cell Mol Neurobiol. 38(8):1453-1463. (WB / Rat)
Xing et al., (2018) J Mol Neurosci. 66(1):26-36. (WB / Rat)

BiP / GRP78 antibody (ARG20531)

Li et al., (2019) J Cell Physiol. doi: 10.1002/jcp.28175. (WB / Hu)
Zhao et al., (2019) Oxid Med Cell Longev. 2019:7415212. (WB / Rat)

CARM1 antibody (ARG53996)

Wang et al., (2016) Mol Cell. 64(4):673-687. (WB / Hu)

Caspase-1 antibody (ARG10644)

Yan et al., (2019) Int Immunopharmacol. 71:61-67. (WB / Ms)

Caspase-3 antibody [C33] (ARG20001)

Yan et al., (2017) J Biomed Sci. 24(1):1. (WB / Ms)

Caspase-12 antibody (ARG55177)

Zhao et al., (2019) Oxid Med Cell Longev. 2019:7415212. (WB / Rat)
Guan et al., (2019) Life Sci. 225:46-54. (WB / Rat)

Cathepsin K antibody (ARG20173)

Liu et al., (2018) Cell Physiol Biochem. 45(5):1759-1771. (IHC-P, WB / Hu)

CCL15 antibody (ARG66039)

MMR antibody (ARG22372)

Yin et al., (2019) Cell Oncol (Dordr). doi: 10.1007/s13402-019-00446-y. (ICC, WB / Hu)

CD31 antibody (ARG52748)

Lin et al., (2018) J Tissue Eng Regen Med. 12(10):2099-2111. (ICC/IF / Hu)
Xu et al., (2018) J Exp Clin Cancer Res. 37(1):207. (IHC-P / Ms)
Chen et al., (2018) Cell Death Differ. doi: 10.1038/s41418-018-0220-6. (IHC-P / Ms)
Yang et al., (2019) Cancer Res. 79(3):557-571. (IHC-P / Ms)
Su et al., (2019) ACS Nano. 13(4):4290-4301. (IHC-P / Ms)

CD31 antibody [1A10] (ARG56068)

Ishida et al., (2018) Int J Legal Med. 132(1):237-242. (IHC-P / Hu)

CD34 antibody [QBEND/10] (ARG52756)

Wu et al., (2018) Dig Dis Sci. 63(1):113-125. (IHC-P / Hu)

CD68 antibody [ED1] (ARG23387)

Qiao et al., (2018) Carbohydr Polym. 201:347-356. (IHC-P / Rat)

Collagen II antibody [5B2.5] (ARG62450)

Wang et al., (2018) Stem Cell Res Ther. 9(1):199. (ICC/IF, WB / Rb)

DMP1 antibody (ARG64688)

Kim et al., (2018) Sci Rep. 8(1):2057. (WB / Hu)

E-Cadherin antibody [SQab1717] (ARG66195)

Vimentin antibody [SQab1721] (ARG66199)
ZEB1 antibody (ARG57524)
JAK2 antibody (ARG57629)
JAK2 pTyr1007/Tyr1008 antibody (ARG57812)
GAPDH antibody [6C5] (ARG10112)
Li et al., (2019) J Exp Clin Cancer Res. 38(1):6. (WB / Hu)

EGFR antibody (ARG54163)

Li et al., (2017) Acta Biomater. 68:204-213. (WB / Hu)

eIF2 α antibody (ARG51244)

eIF2 α pSer51 antibody (ARG51760)
STAT3 antibody (ARG54150)
STAT3 pSer727 antibody (ARG51550)
Zhu et al., (2018) Cell Biochem Funct. 36(5):280-287. (WB / Hu)

ERK antibody [E31R] (ARG62350)

ERK pThr202 antibody (ARG51732)
JNK antibody (ARG51218)
JNK pThr183 antibody (ARG51736)
p38 antibody (ARG54444)
p38 antibody (ARG55258)
p38 pThr180/Tyr182 antibody (ARG20124)
Lai et al., (2017) Inflammation. 40(1):1-12. (WB / Ms)

GFAP antibody (ARG52312)

Du et al., (2017) Front Mol Neurosci. 10:409. (IHC / Ms)

HBV preS2 antibody [SQab1507] (ARG65666)

Liu et al., (2018) PLoS Pathog. 14(5):e1007085. (WB / HBV)

Histone H3 Trimethyl (Lys27) antibody (ARG54767)
Li et al., (2018) Nat Commun. 9(1):1726. (ChIP / Ms)

Hsp27 antibody (ARG65757)
Liu et al., (2019) Int J Cancer. doi: 10.1002/ijc.32301. (WB / Hu)

Hsp60 antibody (ARG54173)
Li et al., (2018) J Virol. 92(8). (WB / Hu)

Iba1 antibody (ARG63338)
Shi et al., (2018) Transl Neurodegener. 7:21. (IHC-P / Ms)
Zhang et al., (2018) J Neuroinflammation. 15(1):37. (IHC-P / Ms)
Wang et al., (2019) Front Aging Neurosci. 11:3. (IHC-P / Ms)

IL17/IL17A antibody (ARG55256)
Li et al., (2019) J Exp Clin Cancer Res. 38(1):6. (IHC-P / Hu)

iNOS antibody (ARG56509)
Mottlerini et al., (2019) Redox Biol. 20:334-348. (IHC-P / Ms)

Lamin B1 antibody (ARG65740)
Xiong et al., (2018) J Neurol Sci. 387:210-219. (WB / Ms)

MAP2 antibody (ARG52328)
Chen et al., (2019) Brain Behav Immun. pii: S0889-1591(19)30058-3. (IHC-Fr / Ms)

MMP9 antibody (ARG54980)
Li et al., (2017) Oncotarget. 8(49):85276-85289. (WB / Hu)
Wu et al., (2018) Int J Oncol. 52(6):2001-2010. (WB / Hu)

NeuN antibody [1B7] (ARG52283)
Liu et al., (2017) Transl Stroke Res. 8(3):244-256. (IHC-P / Rat)

Osteocalcin antibody [OC4-30] (ARG54605)
Chen et al., (2017) Oncotarget. 8(42):72676-72699. (WB / Rat)
Lin et al., (2018) J Tissue Eng Regen Med. 12(10):2099-2111. (ICC/IF / Hu)

p70 S6K pThr389 antibody (ARG20149)
Zhu et al., (2018) Exp Cell Res. 367(2):186-195. (WB / Rat)

PCNA antibody [PC10] (ARG62605)
Liu et al., (2019) Clin Sci (Lond). 133(5):645-663. (IHC-P / Hu)

PDE2A antibody (ARG10794)
PDE3A antibody (ARG10796)
An et al., (2019) Neurogastroenterol Motil. 22:e13539. (WB / Ms)

PPAR γ antibody (ARG55241)
Manabe et al., (2018) J Cell Physiol. 234(6):8951-8962. (WB / Rat)

PPAR δ antibody (ARG65761)
Shi et al., (2017) Mol Nutr Food Res. 61(9). (WB / Ms)

Pyk2 pTyr402 antibody (ARG51707)
ZO-2 antibody (ARG56165)
Yang et al., (2018) Int J Cancer. 143(12):3248-3261. (WB / Ms)

α -SMA antibody [1A4] (ARG52485)
Chen et al., (2018) PLoS Pathog. 14(4):e1007033. (IHC-P / Ms)
Qiao et al., (2018) Carbohydr Polym. 201:347-356. (IHC-P / Rat)

Smad2 pThr220 antibody (ARG51796)
Smad3 pSer425 antibody (ARG51797)
Pan et al., (2019) Hypertens Res. 42(3):329-340. (WB / Ms)

Smad3 antibody (ARG53570)
Chen et al., (2017) Stem Cell Reports. 8(1):140-151. (WB / Hu)

SOD2 antibody (ARG54937)
Shen et al., (2017) Cell Mol Neurobiol. 37(5):869-877. (IHC, WB / Ms)
Yan et al., (2018) Neurosci Lett. 662:84-90. (WB / Ms)

STAT1 pTyr701 antibody (ARG51548)
STAT2 pTyr690 antibody (ARG51823)
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