

F(ab')₂ Anti-HUMAN IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 309-1302
Code: 309-1302

Size: 20 mg

Product Description: F(ab')₂ Anti-HUMAN IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 309-1302

Concentration: 10.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Lyophilized

Label	Peroxidase (Horseradish)
Host	Goat
Buffer	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	goat F(ab') ₂ anti-Human IgG Antibody peroxidase Conjugated, goat F(ab') ₂ anti-Human IgG HRP conjugated antibody
Application Note	F(ab') ₂ Anti-Human IgG (H&L) Peroxidase secondary antibody reagents are ideal for ELISA, western blotting, Immunohistochemistry, Fluorescence Microscopy, Flow Cytometry as well as other antibody detection methods.
Background	F(ab') ₂ Anti-Human IgG (H&L) Peroxidase Antibody generated in goat detects immunoglobulin g from human, both heavy and light chains of the antibody molecule are present. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. F(ab') ₂ Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays. F(ab') ₂ Anti-Human IgG (H&L) Antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.
Purity And Specificity	This product is a F(ab') ₂ fragment of an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and pepsin digestion followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Human IgG and Human Serum. No reaction was observed against anti-Goat IgG F(c) or anti-Pepsin.
Assay Dilutions	User Optimized
ELISA	1:10,000 - 1:50,000
Western Blot	1:1,000 - 1:10,000
Immunohistochemistry	1:500 - 1:2,500
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Human IgG whole molecule

Related Products

610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304

Disclaimer

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