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Anti-Human IgG (H&L) (Peroxidase Conjugated) Secondary Antibody

Chicken Polyclonal, Peroxidase (Horseradish)
Catalog # ASR2479

Product Information

Description	Anti-HUMAN IgG (H&L) (CHICKEN) Antibody Peroxidase Conjugated
Host	Chicken
Conjugate	Peroxidase (Horseradish)
Target Species	Human
Clonality	Polyclonal
Application	WB
Physical State	Lyophilized
Host Isotype	IgG
Target Isotype	IgG (H&L)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Human IgG whole molecule
Reconstitution Volume	1.0 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!

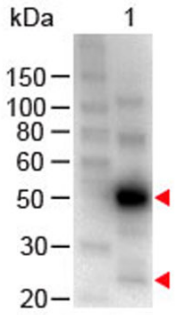
Additional Information

Shipping Condition	Ambient
Application Note	Human IgG (H&L) Antibody is peroxidase conjugated and is suitable for immunoassays where specificity to the immunoglobulin heavy and or light chain regions is desired. Antibody has been tested by ELISA, western blot immunoblot, and immunohistochemisty. Optimal concentrations in immunoassays should be determined by the researcher.
Purity	Human IgG (H&L) Antibody Peroxidase Conjugate was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Chicken Serum, Human IgG and Human Serum.
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.
Precautions Note	This product is for research use only and is not intended for therapeutic or diagnostic applications.

Background

Anti-Human IgG (H&L) Antibody Peroxidase Conjugated antibody detects human IgG. IgG antibodies are large molecules of about 150 kDa composed of four peptide chains. Each IgG contains two identical ? heavy chains of about 51 kDa and two identical light chains of about 26 kDa, thus a tetrameric quaternary structure. The two heavy chains are linked to each other and to a light chain each by disulfide bonds. The resulting tetramer has two identical halves, which together form the Y-like shape. Each end of the fork contains an identical antigen binding site. The Fc regions of IgGs bear a highly conserved N-glycosylation site.

Images



Western Blot of Chicken anti-Human IgG (H&L) Antibody Peroxidase Conjugated. Lane 1: Human IgG. Load: 100 ng per lane. Secondary antibody: Human IgG (H&L) Antibody Peroxidase Conjugated at 1:1,000 for 60 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 55 and 28 kDa, 55 and 28 kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.