

Anti-Human IgG (H&L) (Peroxidase Conjugated) Secondary Antibody
Chicken Polyclonal, Peroxidase (Horseradish)
Catalog # ASR2479

Specification

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

Description	Anti-HUMAN IgG (H&L) (CHICKEN) Antibody Peroxidase Conjugated
Host	Chicken
Conjugate	Peroxidase (Horseradish)
Target Species	Human
Clonality	Polyclonal
Application	WB, E, IC
Application Note	ELISA 1:30,000; Western Blot 1:1,000-1:5,000; Immunochemistry 1:500-1:2,500
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!

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

Shipping Condition

Ambient

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.

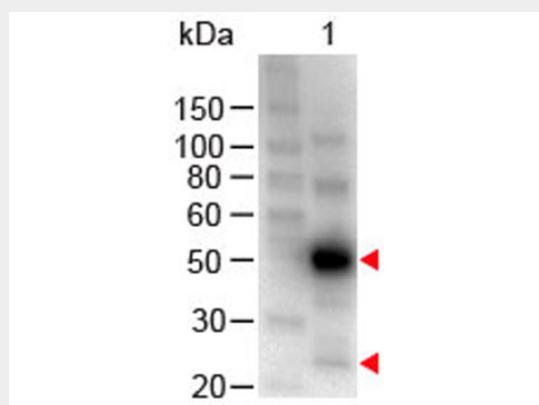
Anti-Human IgG (H&L) (Peroxidase Conjugated) Secondary Antibody - Protein Information

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

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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

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