

Product Datasheet

Human IgG (H&L) Antibody Biotin Conjugated (orb347241)

Catalog Number	orb347241
Category	Antibodies
Description	Human IgG (H&L) antibody (Biotin)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	Biotin
Reactivity	Human
Form/Appearance	Lyophilized
Concentration	2.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Goat Serum, Human IgG, and Human Serum.
Immunogen	Human IgG whole molecule
Tested applications	ELISA, IHC, WB

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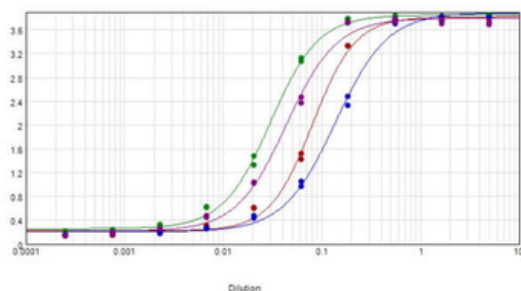
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Dilution range	ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
Application notes	Anti-Human IgG (H&L) Biotin Conjugate has been tested by ELISA and is assayed against 1.0 ug of Human IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code as a substrate for 30 minutes at room temperature. A working dilution of 1:100,000 to 1:400,000 of the reconstitution concentration is suggested for this product. 10-20 moles Biotin per mole. Reconstitution Buffer: Restore with deionized water (or equivalent). Reconstitution Volume: 1.0 mL
Antibody Type	Secondary Antibody
Storage	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.
Note	For research use only
Expiration Date	12 months from date of receipt.



ELISA results of purified Goat Anti-Human IgG Biotin Conjugated Antibody tested against purified human IgG. Each well was coated in duplicate with 1.0 µg of human IgG (purple line). The starting dilution of antibody was 5 µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using Blocking buffer, Streptavidin HRP conjugate 1:10000.

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