

Product Datasheet

Human IgG (H&L) Antibody Biotin Conjugated Pre-Adsorbed (orb347249)

Catalog Number	orb347249
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	0.01% (w/v) Sodium Azide
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. No reaction was observed against Mouse Serum Proteins.
Immunogen	Anti-Human IgG whole molecule was produced by repeated immunization with Human IgG whole molecule in goat.
Tested applications	ELISA, IHC, WB

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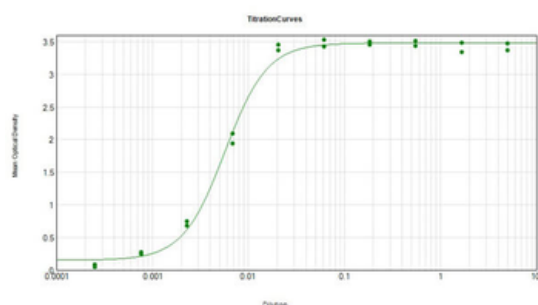
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Dilution range	ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
Application notes	Anti-Human IgG (H&L) Biotin Conjugated Antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody based enzymatic assays requiring lot-to-lot consistency.
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



ELISA Results of purified Goat Anti-Human IgG Antibody Biotin Conjugated (Min X Mouse Serum Proteins) tested against purified Human IgG Biotin. Each well was coated in duplicate with 1.0 µg of Human IgG (p/n orb346219). The working dilution is 1:175000. 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 HRP Conjugation Stabilizer, Donkey Anti-Goat IgG HRP conjugated (p/n orb347032) and TMB substrate (p/n orb348651).

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