

## Product Datasheet

# Human IgG (H&L) Antibody Biotin Conjugated Pre-Adsorbed (orb347311)

<b>Catalog Number</b>	orb347311
<b>Category</b>	Antibodies
<b>Description</b>	Human IgG (H&L) antibody (Biotin)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Biotin
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	2.0 mg/mL
<b>Buffer/Preservatives</b>	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
<b>Purity</b>	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-Rabbit Serum, Human IgG and Human Serum. No reaction was observed against Mouse Serum Proteins.
<b>Immunogen</b>	Human IgG whole molecule

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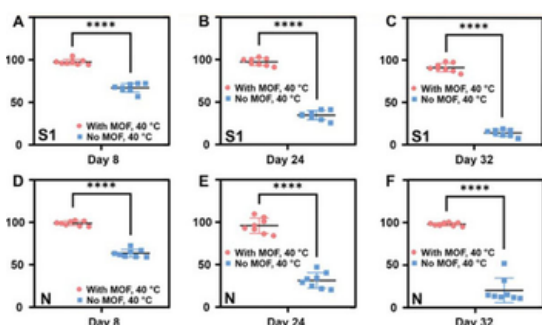
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<b>Tested applications</b>	ELISA, IHC, WB
<b>Dilution range</b>	ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
<b>Application notes</b>	Anti-Human IgG (H&L) Biotin has been tested by ELISA and western blot and has been 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 1:17,000 to 1:75,000 of the reconstitution concentration is suggested for this product. Reconstitution Buffer: Restore with deionized water (or equivalent). Reconstitution Volume: 1.0 mL
<b>Antibody Type</b>	Secondary Antibody
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Preservation efficacy of surface-bound (A-C) S1 protein and (D-F) N protein stored for different durations with ZIF-90 and without ZIF-90 encapsulation. (A-F) n = 8, \*\*\*\*P 0.0001, analyzed by unpaired t-test. Biotin-labeled anti human IgG was used as secondary antibody.

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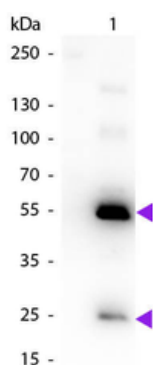
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Western Blot of Biotin Conjugated Rabbit Anti-Human IgG Pre-Adsorbed Secondary Antibody. Lane 1: Human IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: Human IgG Antibody biotin conjugated at 1:1000 for 60 min at RT. Secondary antibody: Peroxidase streptavidin secondary antibody at 1:40000 for 30 min at RT. Blocking: orb348637 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Human IgG. Other band(s): None.

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