

## Product Datasheet

### Goat IgG (H&L) Antibody Biotin Conjugated (orb347035)

<b>Catalog Number</b>	orb347035
<b>Category</b>	Antibodies
<b>Description</b>	Goat IgG (H&L) antibody (Biotin)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Donkey
<b>Isotype</b>	IgG
<b>Conjugation</b>	Biotin
<b>Reactivity</b>	Goat
<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 Goat 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-Donkey Serum, Goat IgG and Goat Serum.
<b>Immunogen</b>	Anti-Goat IgG (H&L) was produced by repeated immunization with goat IgG whole molecule in donkey.

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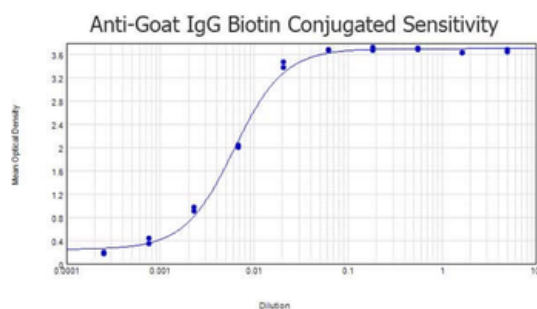
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<b>Tested applications</b>	DOT, ELISA, IHC, WB
<b>Dilution range</b>	ELISA: 1:200,000 - 1:250,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
<b>Application notes</b>	Anti-Goat IgG Biotin Conjugated Antibody has been tested by ELISA and Dot blot 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.
<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



ELISA results of purified Donkey anti-Goat IgG antibody Biotin conjugated tested against purified Goat IgG. Each well was coated in duplicate with 1.0 µg of Goat IgG (p/n orb346106). 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 3% fish gelatin as blocking buffer, and TMB substrate p/n orb348651.

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