Product Datasheet

Goat IgG (H&L) Secondary Antibody Biotin Conjugated (orb347015)

Description	Goat IgG (H&L) antibody (Biotin)
Species/Host	Rabbit
Reactivity	Goat
Conjugation	Biotin
Tested Applications	ELISA, IHC, WB
Immunogen	Goat IgG whole molecule
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Lyophilized
Concentration	2.0 mg/mL
Storage	Store Goat Secondary Antibody at 4° C prior to restoration. For extended storage aliquot secondary antibody 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
Application notes	Anti-Goat IgG Biotin Antibody has been tested by ELISA. Secondary antibody reagents are ideal for western blotting, Immunohistochemistry, ELISA, Fluorescence Microscopy, Flow Cytometry as well as other antibody detection methods.
Isotype	IgG
Clonality	Polyclonal

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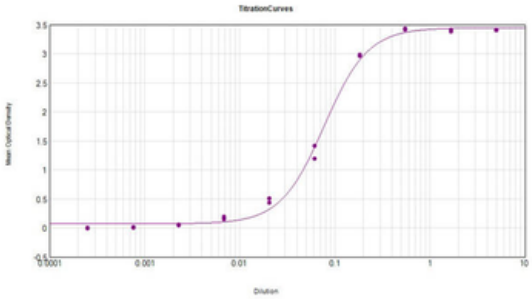
Purity	Goat Secondary Antibodies are prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit Serum, Goat IgG and Goat Serum.
Dilution Range	ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
Expiration Date	12 months from date of receipt.



ELISA Results of Rabbit Anti-Goat IgG Antibody Biotin Conjugated tested against purified Goat IgG Biotin. Each well was coated in duplicate with 1.0 µg of Goat IgG (p/n orb2652767). The working dilution is 1:13000. 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 Conjugate Stabilizer, Streptavidin-HRP conjugated (p/n orb348767) and TMB substrate (p/n orb348651).

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