

Product Datasheet

Fab Goat IgG Antibody Biotin Conjugated (orb348431)

Description	Fab Goat IgG antibody (Biotin)
Species/Host	Donkey
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	1.0 mg/mL
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
Application notes	Fab Anti-Goat IgG Biotin Conjugated antibody has been tested by ELISA and is suitable for immunoblotting, ELISA, immunohistochemistry, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. Specific conditions for reactivity should be optimized by the end user.
Isotype	IgG Fab

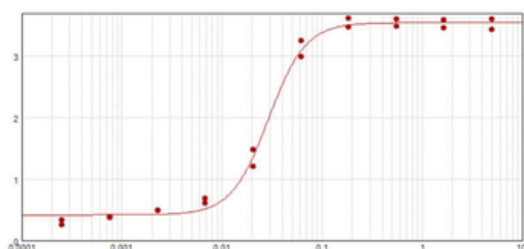
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Clonality	Polyclonal
Antibody Type	Secondary Antibody
Purity	Fab Anti-Goat IgG (H&L) was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, papain digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin and anti-Donkey Serum. No reaction was observed against anti-Papain or anti-Donkey IgG F(c).
Dilution Range	ELISA: 1:600,000, IHC: 1:1,000 - 1:5,000, WB: 1:5,000 - 1:20,000
Expiration Date	12 months from date of receipt.



ELISA results of purified Donkey Fab Anti-Goat IgG Antibody Biotin Conjugated tested against purified Goat IgG. Each well was coated in duplicate with 1.0 μ g of Goat IgG. The starting dilution of antibody was 5 μ g/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 conjugated (p/n orb348767), and TMB substrate (p/n orb348651).

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