

Product Datasheet

Fab Goat IgG Antibody Biotin Conjugated (orb348431)

Catalog Number orb348431

Category Antibodies

Description Fab Goat IgG antibody (Biotin)

Clonality Polyclonal

Species/Host Donkey

Isotype IgG Fab

Conjugation Biotin

Reactivity Goat

Form/Appearance Lyophilized

Concentration 1.0 mg/mL

Buffer/Preservatives 0.01% (w/v) Sodium Azide

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).

Immunogen Goat IgG whole molecule

Tested applications ELISA, IHC, WB

Dilution range ELISA: 1:600,000, IHC: 1:1,000 - 1:5,000, WB: 1:5,000 - 1:20,000

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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.

Antibody Type

Secondary Antibody

Storage

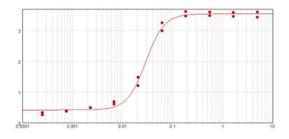
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

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).