Product Datasheet

Mouse IgG (H&L) Antibody Biotin Conjugated (orb347483)

Description	MOUSE IgG (H&L) antibody (Biotin)
Species/Host	Goat
Reactivity	Mouse
Conjugation	Biotin
Tested Applications	ELISA, IHC, WB
Immunogen	Anti-Mouse IgG was produced by repeated immunization with Mouse IgG whole molecule in goat.
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Lyophilized
Concentration	2.0 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	Anti-Mouse IgG (H&L) biotin conjugated antibody has been tested by ELISA and is suitable for highly specific immunological methods requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.
Isotype	IgG
Clonality	Polyclonal

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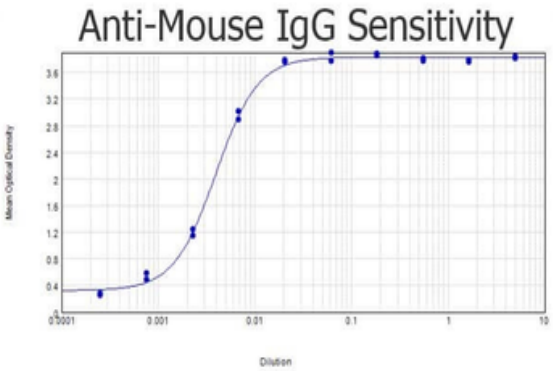
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Goat Serum, Mouse IgG and Mouse Serum.
Dilution Range	ELISA: 1:350,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:20,000
Expiration Date	12 months from date of receipt.



ELISA results of purified Goat anti-Mouse IgG Antibody Biotin Conjugated tested against purified Mouse IgG. Each well was coated in duplicate with 1.0 µg of Mouse IgG (p/n orb2652749). 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, Streptavidin Peroxidase Conjugated p/n orb348767) and TMB substrate p/n orb348651.

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