Product Datasheet

Human IgG Fc Antibody Biotin Conjugated Pre-Adsorbed (orb347197)

Description	Human IgG F(c) antibody (Biotin)
Species/Host	Goat
Reactivity	Human
Conjugation	Biotin
Tested Applications	ELISA, IHC, WB
Immunogen	Human IgG F(c) fragment
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	Anti-Human IgG F(c) Biotin Conjugated has been tested by ELISA and is designed for Western Blotting, Immunohistochemistry, ELISA as well as other antibody detection methods.
Isotype	IgG
Clonality	Polyclonal

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Purity

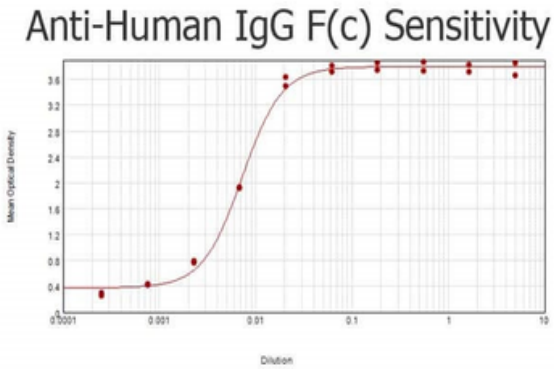
This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Goat Serum, Human IgG, Human IgG F(c) and Human Serum. No reaction was observed against Human IgG F(ab)or Mouse serum proteins.

Dilution Range

ELISA: 1:194,000 - 1:294,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:5,000

Expiration Date

12 months from date of receipt.



ELISA results of purified Goat anti-Human IgG F(c) Antibody Biotin conjugated tested against purified Human IgG F(c). Each well was coated in duplicate with 1.0 µg of Human IgG F(c) (p/n orb346220). 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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