

Product Datasheet

Human IgG F(ab')₂ Antibody Biotin Conjugated Pre-Adsorbed (orb347312)

Catalog Number	orb347312
Description	Human IgG F(ab') ₂ antibody (Biotin)
Species/Host	Rabbit
Reactivity	Human
Conjugation	Biotin
Tested Applications	ELISA, IHC, WB
Immunogen	Human IgG F(ab') ₂ 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(ab') ₂ Biotin Antibody has been tested by ELISA and is assayed against 1.0 ug of Human IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:12,000 to 1:55,000 of the reconstitution concentration is suggested for this product.

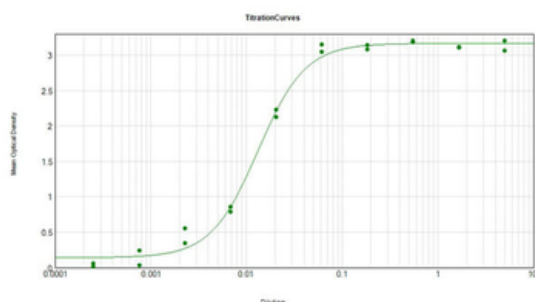
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Isotype	IgG
Clonality	Polyclonal
Antibody Type	Secondary Antibody
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit Serum, Human IgG, Human IgG F(ab') ₂ and Human Serum. No reaction was observed against Human IgG F(c) or Mouse Serum Proteins.
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-Human IgG F(ab')₂ Antibody Biotin Conjugated (Min X Mouse Serum Proteins) tested against purified Human IgG F(ab')₂ Biotin. Each well was coated in duplicate with 1.0 µg of Human IgG F(ab')₂ (p/n orb346221). The working dilution is 1:75000. 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 Conjugation Stabilizer, Streptavidin-HRP conjugated (p/n orb348767), and TMB substrate (p/n orb348651).

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