

Product Datasheet

F(ab')₂ Human IgG IgA IgM (H&L) Antibody Biotin Conjugated Pre-Adsorbed (orb348171)

Description	F(ab') ₂ Human IgG IgA IgM (H&L) antibody (Biotin)
Species/Host	Goat
Reactivity	Human
Conjugation	Biotin
Tested Applications	ELISA, IHC, WB
Immunogen	Human IgG, IgA and IgM whole molecules
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	F(ab') ₂ Anti-Human IgG IgA IgM (H&L) Biotin Antibody has been 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 1:10,000 to 1:50,000 of the reconstitution concentration is suggested for this product. Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.

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Isotype	IgG F(ab') ₂
Clonality	Polyclonal
Purity	This product was prepared from polyspecific antiserum by immunoaffinity chromatography using antigens 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 and anti-Goat Serum. No reaction was observed against Mouse Serum proteins. This product is suitable for the detection of all Human immuno-globulin classes, isotypes and chain combinations.
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.

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