

Product Datasheet

F(ab')₂ Human IgG Fc Antibody Biotin Conjugated Pre-Adsorbed (orb348201)

Catalog Number	orb348201
Description	F(ab') ₂ 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

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Application notes

F(ab')₂ Anti-Human IgG F(c) Biotin Antibody has been tested by ELISA and western blot and is assayed against 1.0 µg of Human IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:12,000 to 1:50,000 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.

Isotype

IgG F(ab')₂

Clonality

Polyclonal

Antibody Type

Secondary Antibody

Purity

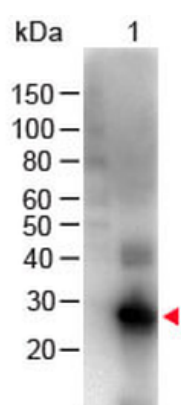
This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single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

Dilution Range

ELISA: 1:125,000 - 1:175,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000

Expiration Date

12 months from date of receipt.



Western Blot of Goat anti-F(ab')₂ Human IgG F(c) Antibody Biotin Conjugated Pre-Adsorbed Lane 1: Human Fc Load: 100 ng per lane Primary Antibody: F(ab')₂ Human IgG F(c) Antibody Biotin Conjugated Pre-Adsorbed at 1:1000 for 60 min RT Secondary antibody: HRP Conjugated Streptavidin at 1:40000 for 30 min at RT Block: orb348637 for 30 min at RT Predicted/Observed Size: 28 kDa/28 kDa

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