

Product Datasheet

F(ab')2 Rat IgG Fc Antibody Biotin Conjugated Pre-Adsorbed (orb348347)

Catalog Number orb348347

Category Antibodies

Description F(ab')2 Rat IgG F(c) antibody (Biotin)

Clonality Polyclonal

Species/Host Goat

Isotype IgG F(ab')2

Conjugation Biotin

Reactivity Rat

Form/Appearance Lyophilized

Concentration 1.0 mg/mL

Buffer/Preservatives 0.01% (w/v) Sodium Azide

Purity This product was prepared from monospecific antiserum by immunoaffinity

chromatography using Rat 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, Rat IgG, Rat IgG F(c) and Rat Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c),

Rat IgG F(ab) or Bovine, Horse and Human Serum Proteins.

Immunogen Rat IgG F(c) fragment

Tested applications ELISA, IHC, WB

Dilution range ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000





Application notes

F(ab')2 Anti-Rat IgG F(c) Biotin Antibody has been tested by ELISA and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. This product has been assayed against 1.0 μ g of Rat 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 1:15,000 to 1:90,000 of the reconstitution concentration is suggested for this product.

Antibody Type

Secondary Antibody

Storage

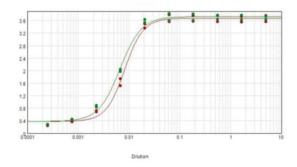
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

For research use only

Expiration Date

12 months from date of receipt.



ELISA results of purified Goat F(ab')2 Anti-Rat IgG F(c) Biotin Conjugated Antibody (Min X Bv Hs & Hu serums) tested against purified Rat IgG F(c). Each well was coated in duplicate with 1.0 μ g of Rat IgG F(c) (red line). The starting dilution of antibody was 5 μ g/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 Blocking buffer, Streptavidin HRP conjugate.