

Product Datasheet

F(ab')₂ Rat IgG F(ab')₂ Antibody Biotin Conjugated Pre-Adsorbed (orb420169)

Catalog Number	orb420169
Category	Antibodies
Description	F(ab') ₂ Rat IgG F(ab') ₂ antibody (Biotin)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG F(ab') ₂
Conjugation	Biotin
Reactivity	Rat
Form/Appearance	Lyophilized
Concentration	1.5 mg/mL
Buffer/Preservatives	Preservative: 0.05% (w/v) Sodium Azide. Stabilizer: 15 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
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(ab') ₂ and Rat Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat IgG F(c) or Bovine, Horse and Human Serum Proteins.
Immunogen	Rat IgG F(ab') ₂ fragment

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Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:20,000 - 1:400,000, IHC: 1:500 - 1:5,000, WB: 1:2,000 - 1:10,000
Application notes	F(ab') ₂ Anti-Rat IgG F(ab') ₂ Biotin Antibody is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
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.

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