

Product Datasheet

F(ab')₂ Rat IgG F(ab')₂ Antibody Peroxidase Conjugated Pre-Adsorbed (orb420167)

Catalog Number	orb420167
Category	Antibodies
Description	F(ab') ₂ Rat IgG F(ab') ₂ antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG F(ab') ₂
Conjugation	HRP
Reactivity	Rat
Form/Appearance	Lyophilized
Concentration	0.8 mg/mL
Buffer/Preservatives	None
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-Peroxidase, 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	Anti-Rat IgG F(ab') ₂ fragment was produced by repeated immunization with Rat IgG F(ab') ₂ fragment in goat.

Tested applications ELISA, IHC, WB

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Dilution range	ELISA: 1:5,000 - 1:100,000, IHC: 1:500 - 1:5,000, WB: 1:5,000 - 1:200,000
Application notes	Suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.
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

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