

Product Datasheet

Goat IgG F(ab')2 Antibody Peroxidase Conjugated Pre-Adsorbed (orb346995)

Catalog Number	orb346995
Category	Antibodies
Description	Goat IgG F(ab')2 antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	HRP
Reactivity	Goat
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG 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-Peroxidase, anti-Rabbit Serum, Goat IgG, Goat IgG F(ab')2 and Goat Serum. No reaction was observed against Goat IgG F(c) or Human Serum Proteins.
Immunogen	Goat IgG F(ab')2 fragment

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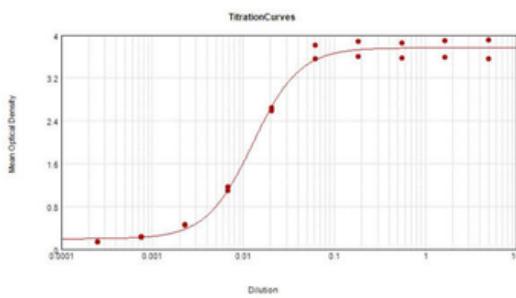
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Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000
Application notes	Anti-Goat IgG F(ab')2 Peroxidase Antibody has been tested by ELISA. This product has been assayed against 1.0 µg of Goat IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:8,000 to 1:62,000 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



ELISA results of purified Rabbit Anti-Goat IgG F(ab')2 Antibody Peroxidase Conjugated tested against purified Goat IgG F(ab')2. Each well was coated in duplicate with 1.0 µg of Goat IgG F(ab')2. The starting dilution of antibody was 5 µg/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.

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