

Product Datasheet

Sheep IgG F(ab')₂ Antibody Peroxidase Conjugated (orb346709)

Catalog Number	orb346709
Category	Antibodies
Description	Sheep IgG F(ab') ₂ antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	HRP
Reactivity	Sheep
Form/Appearance	Lyophilized
Concentration	10.0 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 is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Sheep IgG, Sheep IgG F(ab') ₂ and Sheep Serum. No reaction was observed against Sheep IgG F(c).
Immunogen	Sheep IgG F(ab') ₂ fragment

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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	This product has been assayed against 1.0 µg of Sheep 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 1:32,000 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

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