

Product Datasheet

Goat IgG Fc Antibody Peroxidase Conjugated (orb346602)

Catalog Number	orb346602
Category	Antibodies
Description	Goat IgG F(c) antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Donkey
Isotype	IgG
Conjugation	HRP
Reactivity	Goat
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: 0.01 M Sodium 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-Donkey Serum, Goat IgG, Goat IgG F(c) and Goat Serum. No reaction was observed against Goat IgG F(ab).
Immunogen	Goat IgG F(c) fragment

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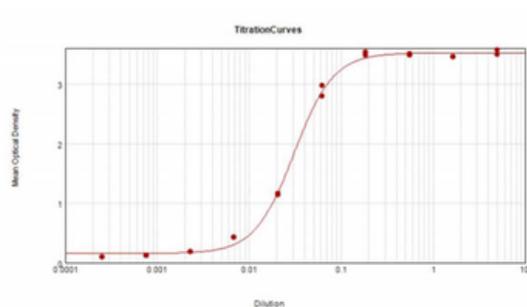
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Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:5,000 - 1:25,000, IHC: 1500 - 1:2,500, WB: 1:1,000 - 1:5,000
Application notes	Anti-Goat IgG F(c) Peroxidase Conjugated Antibody has been tested by ELISA. This product is designed for immunofluorescence 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.



ELISA Results of Donkey Anti-Goat IgG Fc Antibody Peroxidase Conjugated. Each well was coated in duplicate with 1.0 µg of Goat IgG Fc (p/n orb2652765). The working dilution is 32600. 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. Assay performed using TMB substrate (p/n orb348651).

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