

Product Datasheet

Sheep IgG Fc Antibody Peroxidase Conjugated (orb347925)

Description	Sheep IgG F(c) antibody (Peroxidase)
Species/Host	Rabbit
Reactivity	Sheep
Conjugation	HRP
Tested Applications	ELISA, IHC, WB
Immunogen	Anti-Sheep IgG was produced by repeated immunization with sheep IgG F(c) fragment in rabbit.
Preservatives	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Form/Appearance	Lyophilized
Concentration	1.5 mg/mL
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
Application notes	Anti-Sheep IgG F(c) Peroxidase Conjugated Antibody has been tested by ELISA and is assayed against 1.0 ug of Sheep IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:8,000 of the reconstitution concentration is suggested for this product.
Isotype	IgG

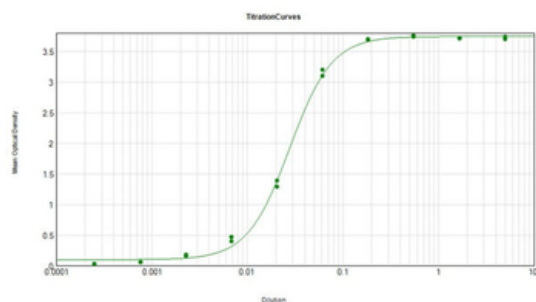
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Clonality	Polyclonal
Antibody Type	Secondary Antibody
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Sheep IgG, Sheep IgG F(c) and Sheep Serum. No reaction was observed against Sheep IgG F(ab).
Dilution Range	ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000
Expiration Date	12 months from date of receipt.



ELISA Results of Rabbit Anti-Sheep IgG F(c) Antibody Peroxidase Conjugated tested against purified Sheep IgG F(c) HRP. Each well was coated in duplicate with 1.0 μg of Sheep IgG F(c) (p/n orb346368). The working dilution is 1:35800. The starting dilution of antibody was 5 $\mu\text{g}/\text{ml}$ 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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