

Product Datasheet

Rat IgG Fc Antibody Peroxidase Conjugated (orb347859)

Description	Rat IgG F(c) antibody (Peroxidase)
Species/Host	Rabbit
Reactivity	Rat
Conjugation	HRP
Tested Applications	ELISA, IHC, WB
Immunogen	Rat IgG F(c) fragment
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-Rat IgG F(c) Peroxidase conjugated has been tested by ELISA and is assayed against 1.0 ug of Rat IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product.
Isotype	IgG
Clonality	Polyclonal

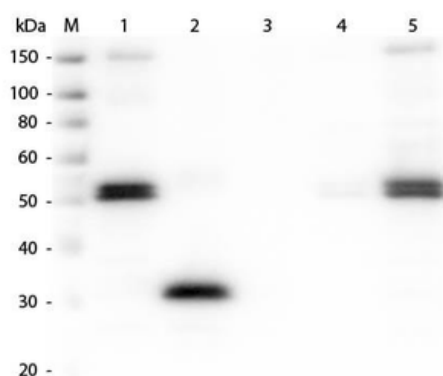
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Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Rat IgG, Rat IgG F(c) and Rat Serum. No reaction was observed against Rat 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.



Western Blot of Anti-Rat IgG F(c) (RABBIT) Antibody (p/n orb347849). Lane M: 3 μ l Molecular Ladder. Lane 1: Rat IgG whole molecule (p/n orb2652744). Lane 2: Rat IgG F(c) Fragment (p/n orb346338). Lane 3: Rat IgG Fab Fragment (p/n orb346340). Lane 4: Rat IgM Whole Molecule (p/n orb346341). Lane 5: Rat Serum. All samples were reduced. Load: 50 ng per lane. Block: orb348637 for 30 min at RT. Primary Antibody: Anti-Rat IgG F(c) (RABBIT) Antibody (p/n orb347849) 1:1000 for 60 min at RT. Secondary Antibody: Anti-Rabbit IgG (GOAT) Peroxidase Conjugated Antibody (p/n orb347654) 1:40000 in orb348637 for 30 min at RT. Predicted/Observed Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.

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