

Product Datasheet

Rat IgM Antibody Peroxidase Conjugated (orb347861)

Catalog Number	orb347861
Category	Antibodies
Description	Rat IgM antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	HRP
Reactivity	Rat
Form/Appearance	Lyophilized
Concentration	1.5 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	Anti-Rat IgM (mu chain) was prepared from monospecific antiserum by immunoaffinity chromatography using antigens 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 IgM and Rat Serum. No reaction was observed against other rat heavy or light chain proteins.
Immunogen	Rat IgM whole molecule

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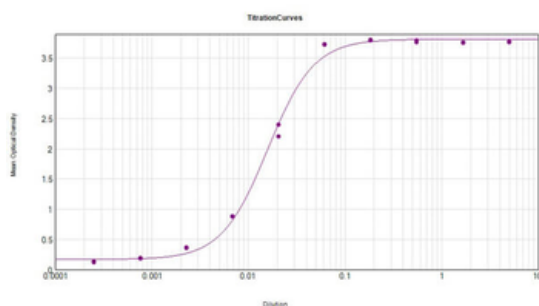
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Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:30,000 - 1:70,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:5,000
Application notes	Anti-Rat IgM (mu chain) Peroxidase Conjugated antibody has been tested by ELISA and is suitable for ELISA, Western Blot and Immunohistochemistry. Antibody should be optimized by the end user for specific reactive conditions.
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 Rabbit Anti-Rat IgM Antibody Peroxidase Conjugated tested against purified Rat IgM HRP. Each well was coated in duplicate with 1.0 µg of Rat IgM (p/n orb346341). The working dilution is 1:62800. 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 HRP Conjugate Stabilizer and TMB substrate (p/n orb348651).

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