

Product Datasheet

Rabbit IgM (mu) Antibody Peroxidase Conjugated (orb346690)

Catalog Number	orb346690
Category	Antibodies
Description	Rabbit IgM (mu) antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	HRP
Reactivity	Rabbit
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 cross adsorption to remove any unwanted reactivities and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rabbit IgM and Rabbit Serum. No reaction was observed against Rabbit IgG.

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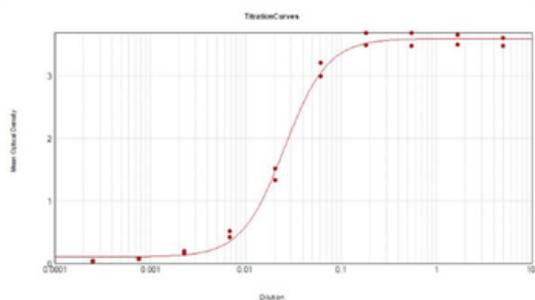
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Immunogen	Anti-Rabbit IgM (mu) was produced by repeated immunization with rabbit IgM mu heavy chain in goat.
Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:20,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000
Application notes	Rabbit IgM (mu) peroxidase conjugated antibody has been tested by ELISA and is assayed against 1.0 ug of Rabbit IgM in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:40,000 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
Expiration Date	12 months from date of receipt.



ELISA Results of Goat Anti-Rabbit IgM Antibody Peroxidase Conjugated. Each well was coated in duplicate with 1.0 µg of Rabbit IgM (p/n orb346313). The working dilution is 39000. 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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