

Product Datasheet

Mouse IgM (mu chain) Antibody Peroxidase Conjugated (orb347548)

Catalog Number	orb347548
Description	Mouse IgM (mu chain) antibody (Peroxidase)
Species/Host	Rabbit
Reactivity	Mouse
Conjugation	HRP
Tested Applications	ELISA, IHC, WB
Immunogen	Mouse IgM whole molecule
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	Mouse IgM (mu chain) peroxidase conjugated antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.
Isotype	IgG

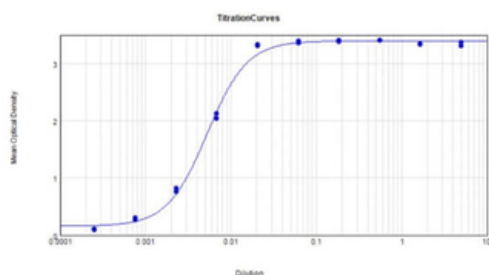
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Clonality	Polyclonal
Antibody Type	Secondary Antibody
Purity	Anti-Mouse IgM HRP antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgM coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Mouse IgM and Mouse Serum. No reaction was observed against other mouse heavy or light chain proteins.
Dilution Range	ELISA: 1:180,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:5,000
Expiration Date	12 months from date of receipt.



ELISA Results of Rabbit Anti-Mouse IgM Antibody Peroxidase Conjugated tested against purified Mouse IgM HRP. Each well was coated in duplicate with 1.0 µg of Mouse IgM (p/n orb346283). The working dilution is 1:190000. 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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