

Product Datasheet

Mouse IgM (mu chain) Antibody Biotin Conjugated (orb347592)

Catalog Number	orb347592
Category	Antibodies
Description	Mouse IgM (mu chain) antibody (Biotin)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Biotin
Reactivity	Mouse
Form/Appearance	Lyophilized
Concentration	1.5 mg/mL
Buffer/Preservatives	0.01% (w/v) Sodium Azide
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgM coupled to agarose beads followed by solid phase adsorption(s) to remove unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit Serum, Mouse IgM and Mouse Serum. No reactivity was observed against other mouse heavy or light chain proteins.
Immunogen	Mouse IgM whole molecule
Tested applications	ELISA, IHC, WB

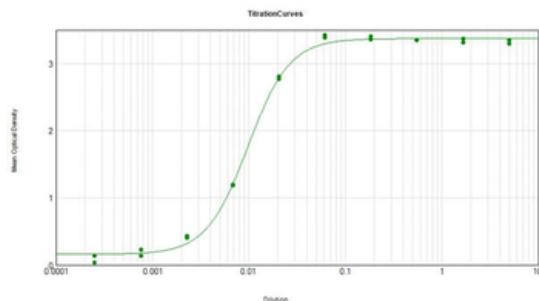
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Dilution range	ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
Application notes	Anti-Mouse IgM Biotin Conjugated Antibody has been tested by ELISA and has been assayed against 1.0 ug of Mouse IgM in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:80,000 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



ELISA Results of Rabbit Anti-Mouse IgM Antibody Biotin Conjugated tested against purified Mouse IgM Biotin. Each well was coated in duplicate with 1.0 μ g of Mouse IgM (p/n orb346283). The starting dilution of antibody was 5 μ g/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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