

Product Datasheet

Mouse IgM Antibody Alkaline Phosphatase Conjugated (orb347562)

Description	Mouse IgM antibody (Alkaline Phosphatase)
Species/Host	Rabbit
Reactivity	Mouse
Conjugation	AP
Tested Applications	ELISA
Immunogen	Mouse IgM whole molecule
Preservatives	0.1% (w/v) Sodium Azide
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Storage	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Note	For research use only
Application notes	Anti-MOUSE IgM (alpha chain) Alkaline Phosphatase 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 lot-to-lot consistency. Specific conditions for reactivity should be optimized by the end user.
Isotype	IgG
Clonality	Polyclonal

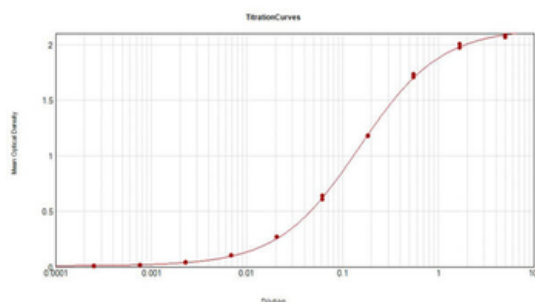
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Antibody Type	Secondary Antibody
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Rabbit Serum, Mouse IgM, and Mouse Serum. No reaction was observed against other mouse heavy or light chain proteins.
Dilution Range	ELISA: 1:20,000
Expiration Date	12 months from date of receipt.



ELISA Results of Rabbit Anti-Mouse IgM Antibody Alkaline Phosphatase Conjugate tested against purified Mouse IgM Alk Phos. Each well was coated in duplicate with 1.0 µg of Mouse IgM (p/n orb346283). The working dilution is 1:6700. 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 ELISA Alkaline Phosphatase Substrate Buffer and NPP Working Buffer.

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