



## Anti-MOUSE IgM (mu chain) (RABBIT) Antibody Peroxidase Conjugated - 610-4307

**Code:** 610-4307

**Size:** 1.5 mg

**Product Description:** Anti-MOUSE IgM (mu chain) (RABBIT) Antibody Peroxidase Conjugated - 610-4307

**Concentration:** 1.5 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Lyophilized

<b>Label</b>	Peroxidase (Horseradish)
<b>Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Storage Condition</b>	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.
<b>Synonyms</b>	Mouse IgM (mu chain) peroxidase conjugated Antibody, Rb-a-Mouse IgM (mu chain) Peroxidase conjugated, Mouse IgM (mu chain) Peroxidase Antibody in rabbit, Mouse IgM Secondary Antibody.
<b>Application Note</b>	Mouse IgM (mu chain) peroxidase conjugated antibody 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.
<b>Background</b>	Anti-Mouse IgM (mu chain) peroxidase conjugated antibody generated in rabbit detects specifically mouse IgM. This Mouse IgM secondary antibody is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
<b>Purity And Specificity</b>	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. Specificity was confirmed by ELISA at less than 1% cross reactivity against other Mouse heavy or light chain isotypes.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:180,000
<b>Immunohistochemistry</b>	1:500 - 1:2,500
<b>WESTERN BLOT</b>	1:1,000 - 1:5,000
<b>IHC</b>	1:500 - 1:2,500
<b>OTHER ASSAYS</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Anti-Mouse IgM (mu chain) was produced by repeated immunization with mouse IgM mu heavy chain in rabbit.
<b>Related Products</b>	
610-1107	Anti-MOUSE IgM (mu chain) (GOAT) Antibody - 610-1107
610-1207	Anti-MOUSE IgM (mu chain) (GOAT) Antibody Fluorescein Conjugated - 610-1207
610-1307	Anti-MOUSE IgM (mu chain) (GOAT) Antibody Peroxidase Conjugated - 610-1307
610-1507	Anti-MOUSE IgM (mu chain) (GOAT) Antibody Alkaline Phosphatase Conjugated - 610-1507

## **Related Links**

## **Disclaimer**

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