



## Anti-MOUSE IgM (H&L) (GOAT) Antibody Peroxidase Conjugated - 210-1307

**Code:** 210-1307

**Size:** 20 mg

**Product Description:** Anti-MOUSE IgM (H&L) (GOAT) Antibody Peroxidase Conjugated - 210-1307

**Concentration:** 10.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Lyophilized

<b>Label</b>	Peroxidase (Horseradish)
<b>Host</b>	Goat
<b>Buffer</b>	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	2.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<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 Antibody, Gt-a-Mouse IgM, Mouse Antibody in Goat, Mouse Secondary Antibody, goat anti-Mouse IgM peroxidase Conjugated Antibody, goat anti-Mouse IgM HRP Conjugated Antibody
<b>Application Note</b>	Anti-Mouse IgM peroxidase antibody is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays. Optimal dilutions for use should be determined by the user.
<b>Background</b>	Anti-Mouse IgM antibody generated in rabbit detects specifically Mouse IgM with some light chain cross reactivity against Mouse IgG. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. Formed from covalently linking 5 immunoglobulins together, the approximate molecular weight of IgM is 900kDa and possesses 10 binding sites (though due to the size of most antigens, not all sites are capable of binding at once). Due to this large size, IgM is typically isolated to the serum. Anti-Mouse IgM antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.
<b>Purity And Specificity</b>	Anti-Mouse IgM secondary antibody 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 extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Goat Serum. This reagent primarily recognizes Mouse IgM however some light chain cross reactivity will occur against other mouse immunoglobulins.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:10,000 - 1:50,000
<b>Western Blot</b>	1:1,000 - 1:10,000
<b>Immunohistochemistry</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 secondary antibody was produced by repeated immunization with Mouse IgM whole molecule in rabbit.

### Related Products

610-1007	Anti-MOUSE IgM (mu chain) (GOAT) Antibody Rhodamine Conjugated - 610-1007
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

#### **Disclaimer**

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