

# Anti-Rat IgM (Peroxidase Conjugated) Secondary Antibody

Rabbit Polyclonal, Peroxidase (Horseradish)

Catalog # ASR2963

## Product Information

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<b>Description</b>	Anti-RAT IgM (RABBIT) Antibody Peroxidase Conjugated
<b>Host</b>	Rabbit
<b>Conjugate</b>	Peroxidase (Horseradish)
<b>Target Species</b>	Rat
<b>Clonality</b>	Polyclonal
<b>Physical State</b>	Lyophilized
<b>Host Isotype</b>	IgG
<b>Target Isotype</b>	IgM $\mu$ chain
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Immunogen</b>	Rat IgM $\mu$ heavy chain
<b>Species of Origin</b>	rabbit
<b>Reconstitution Volume</b>	1.0 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!

## Additional Information

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<b>Shipping Condition</b>	Ambient
<b>Application Note</b>	Anti-Rat IgM ( $\mu$ chain) antibody is suitable for ELISA, Western Blot and Immunohistochemistry. Antibody should be optimized by the end user for specific reactive conditions.
<b>Purity</b>	Anti-Rat IgM ( $\mu$ chain) was prepared from monospecific antiserum by immunoaffinity chromatography using antigens 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, Rat IgM and Rat Serum. No reaction was observed against Rat IgA or Rat IgG. ELISA was used to confirm specificity at less than 1% cross reactivity against other rat heavy or light chain isotypes.
<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>Precautions Note</b>	This product is for research use only and is not intended for therapeutic or diagnostic applications.

## Background

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Rat IgM antibody recognizes the mu chain of the Rat IgM. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Rat IgM and Rat Serum. No reaction was observed against Rat IgA or Rat IgG. ELISA was used to confirm specificity at less than 1% cross reactivity against other rat heavy or light chain isotypes. Anti-Rat IgM antibody is ideal with investigators involved in serum component protein research.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.