

**Anti-Rat IgM (Peroxidase Conjugated) Secondary Antibody**  
**Rabbit Polyclonal, Peroxidase (Horseradish)**  
**Catalog # ASR2963****Specification****Anti-Rat IgM (Peroxidase Conjugated) Secondary Antibody - Product Information**

Description	<b>Anti-RAT IgM (RABBIT) Antibody</b> <b>Peroxidase Conjugated</b>
Host	<b>Rabbit</b>
Conjugate	<b>Peroxidase (Horseradish)</b>
Target Species	<b>Rat</b>
Clonality	<b>Polyclonal</b>
Application	<b>WB, E, IC</b>
Application Note	<b>ELISA 1:60,000;Western Blot</b> <b>1:1,000-1:5,000;Immunochemistry</b> <b>1:500-1:2,500</b>
Physical State	<b>Lyophilized</b>
Host Isotype	<b>IgG</b>
Target Isotype	<b>IgM <math>\mu</math> chain</b>
Buffer	<b>0.02 M Potassium Phosphate, 0.15 M</b> <b>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</b> <b>equivalent)</b>
Stabilizer	<b>10 mg/mL Bovine Serum Albumin (BSA) -</b> <b>Immunoglobulin and Protease free</b>
Preservative	<b>0.01% (w/v) Gentamicin Sulfate. Do NOT</b> <b>add Sodium Azide!</b>

**Anti-Rat IgM (Peroxidase Conjugated) Secondary Antibody - Additional Information****Shipping Condition**

Ambient

**Purity**

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.

**Storage Condition**

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.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Anti-Rat IgM (Peroxidase Conjugated) Secondary Antibody - Protein Information****Anti-Rat IgM (Peroxidase Conjugated) Secondary Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Rat IgM (Peroxidase Conjugated) Secondary Antibody - Images****Anti-Rat IgM (Peroxidase Conjugated) Secondary Antibody - Background**

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.