

# Anti-Rat IgM (mu chain) Secondary Antibody

Rabbit Polyclonal, Unconjugated Catalog # ASR2058

#### Specification

# Anti-Rat IgM (mu chain) Secondary Antibody - Product Information

Description

- Host Conjugate Target Species Clonality Application Application Note
- Physical State Host Isotype Target Isotype Buffer

Immunogen Stabilizer Preservative Anti-RAT IgM (mu chain) (RABBIT) Antibody Rabbit Unconjugated Rat Polyclonal WB, E, IC ELISA 1:50,000-1:250,000;Western Blot 1:5,000-1:25,000;Immunochemistry 1:1,000-1:5,000 Liquid (sterile filtered) laG IgM μ chain 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Rat IgM mu heavy chain None 0.01% (w/v) Sodium Azide

## Anti-Rat IgM (mu chain) Secondary Antibody - Additional Information

Shipping Condition Wet Ice

**Purity** 

This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgM coupled to agarose followed by solid phase adsorption(s). Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Rat IgM and Rat Serum. No reaction was observed against other Rat or human heavy or light chain proteins. Specificity was confirmed by ELISA at less than 1% cross reactivity against Rat IgG and Rat IgA.

#### Storage Condition

Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

**Precautions Note** 

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

#### Anti-Rat IgM (mu chain) Secondary Antibody - Protein Information

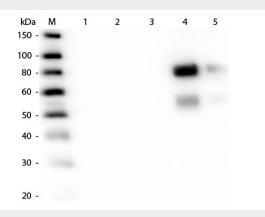


## Anti-Rat IgM (mu chain) Secondary Antibody - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-Rat IgM (mu chain) Secondary Antibody - Images



Western Blot of Anti-Rat IgM (mu chain) (RABBIT) Antibody . Lane M: 3  $\mu$ I Molecular Ladder. Lane 1: Rat IgG whole molecule . Lane 2: Rat IgG F(c) Fragment . Lane 3: Rat IgG F(ab) Fragment . Lane 4: Rat IgM Whole Molecule . Lane 5: Rat Serum . All samples were reduced. Load: 50 ng per lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rat IgM (mu chain) (RABBIT) Antibody 1:2,000 for 60 min at RT. Secondary Antibody: Anti-Rabbit IgG (GOAT) Peroxidase Conjugated Antibody 1:40,000 in MB-070 for 30 min at RT. Predicted/Obsevered Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and F(ab), 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.