

### Anti-Rat IgM (mu chain) (Fluorescein Conjugated) Secondary Antibody

Rabbit Polyclonal, Fluorescein (FITC) Catalog # ASR2059

#### **Specification**

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

Description

Host Conjugate FP Value

Target Species Clonality Application Application Note

Physical State Host Isotype Target Isotype Buffer

Immunogen Reconstitution Volume Reconstitution Buffer

Stabilizer

Preservative

Anti-RAT IgM (mu chain) (RABBIT) Antibody **Fluorescein Conjugated** Rabbit Fluorescein (FITC) 2.4 moles Fluorescein (FITC) per mole of lqG Rat Polyclonal IF, FC FLISA 1:10,000-1:50,000;IF Microscopy 1:1,000-1:5,000;FlowCytometry 1:500-1:2,500 Lyophilized lqG IgM µ chain 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Rat IgM mu heavy chain 1.0 mL Restore with deionized water (or equivalent) 10 mg/mL Bovine Serum Albumin (BSA) -**Immunoglobulin and Protease free** 0.01% (w/v) Sodium Azide

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

#### Shipping Condition Ambient

#### **Purity**

This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat 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-Fluorescein, anti-Rabbit Serum, Rat IgM and Rat Serum. No reaction was observed against Rat IgG or Rat IgA. Specificity was confirmed by ELISA 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.

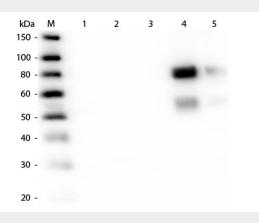
## Anti-Rat IgM (mu chain) (Fluorescein Conjugated) Secondary Antibody - Protein Information

#### Anti-Rat IgM (mu chain) (Fluorescein Conjugated) 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
- <u>Immunoprecipitation</u>
- <u>Flow Cytomety</u>
- <u>Cell Culture</u>

#### Anti-Rat IgM (mu chain) (Fluorescein Conjugated) 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.

#### Anti-Rat IgM (mu chain) (Fluorescein Conjugated) Secondary Antibody - Background

This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.