

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

Goat Polyclonal, Fluorescein (FITC) Catalog # ASR2360

Specification

Physical State

Target Isotype

Host Isotype

Immunogen

Reconstitution Volume

Reconstitution Buffer

Buffer

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

Description Anti-RAT IgM (mu chain) (GOAT) Antibody

Fluorescein Conjugated

Goat Host

Conjugate Fluorescein (FITC)

FP Value 4.8 moles Fluorescein (FITC) per mole of

> IqG Rat

Target Species Clonality **Polyclonal Application** IF, FC

FLISA 1:10,000-1:50,000; IF Microscopy **Application Note**

1:1,000-1:5,000;FlowCytometry

1:500-1:2,500 Lyophilized

IqG

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)

Stabilizer 10 mg/mL Bovine Serum Albumin (BSA) -

Immunoglobulin and Protease free

Preservative 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 IgG 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-Goat Serum, Rat IgM and Rat Serum. 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.

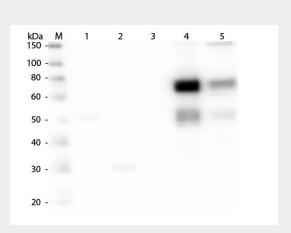
Anti-Rat IgM (mu chain) (Fluorescein Conjugated) Secondary Antibody - Protein Information

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

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

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

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



Western Blot of Anti-Rat lgM (mu chain) (GOAT) Antibody . Lane M: 3 μ l Molecular Ladder. Lane 1: Rat lgG whole molecule . Lane 2: Rat lgG F(c) Fragment . Lane 3: Rat lgG F(ab) Fragment . Lane 4: Rat lgM 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 lgM (mu chain) (GOAT) Antibody 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Goat lgG (DONKEY) Peroxidase Conjugated Antibody 1:40,000 in MB-070 for 30 min at RT. Predicted/Obsevered Size: 25 and 55 kDa for Rat lgG and Serum, 25 kDa for F(c) and F(ab), 78 and 25 kDa for lgM. 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.