

Anti-Rat IgM (mu chain) Secondary Antibody

Goat Polyclonal, Unconjugated Catalog # ASR1825

Specification

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

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

Host Goat

Conjugate Unconjugated

Target Species
Clonality
Application
Rat
Polyclonal
WB, E, IC

Application Note ELISA 1:80,000; Western Blot

1:1,000to1:10,000;Immunochemistry

1:1,000-1:5,000

Physical State Liquid (sterile filtered)

Host Isotype IgG

Target Isotype IgM μ chain

Buffer 0.02 M Potassium Phosphate, 0.15 M

Sodium Chloride, pH 7.2

Immunogen Rat IgM mu heavy chain

Stabilizer None

Preservative 0.01% (w/v) Sodium Azide

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

Shipping Condition

Wet Ice

Purity

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

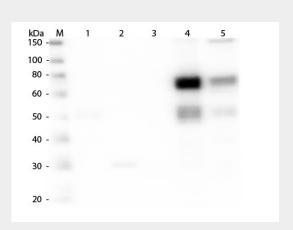


Anti-Rat IgM (mu chain) Secondary Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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



Western Blot of Anti-Rat IgM (mu chain) (GOAT) Antibody . Lane M: 3 µl 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) (GOAT) Antibody 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Goat IgG (DONKEY) 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) 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-Biotin, 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.