

## Anti-Rat IgM (mu chain) (Texas Red™ Conjugated) Secondary Antibody

Goat Polyclonal, Texas Red® Catalog # ASR2796

### **Specification**

# Anti-Rat IgM (mu chain) (Texas Red™ Conjugated) Secondary Antibody - Product Information

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

**Texas Red<sup>™</sup> Conjugated** 

Host Goat

Conjugate Texas Red®

FP Value 3.5 moles Texas Red® per mole of IgG

Target Species R

Clonality Polyclonal Application IF, FC

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

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

Physical State 1:500-1:2,500
Lyophilized

Host Isotype IgG

Target Isotype

IgM μ chain

0.02 M Potassium Phosphate, 0.15 M

Sodium Chloride, pH 7.2

Immunogen Rat IgM mu heavy chain

Reconstitution Volume 1.0 mL

Reconstitution Buffer 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) (Texas Red™ 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 un-wanted 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 IgA.

#### **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.

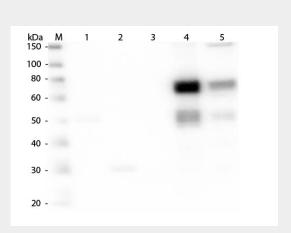
# Anti-Rat IgM (mu chain) (Texas Red™ Conjugated) Secondary Antibody - Protein Information

#### Anti-Rat IgM (mu chain) (Texas Red™ 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 Cvtometv
- Cell Culture

### Anti-Rat IgM (mu chain) (Texas Red™ Conjugated) Secondary Antibody - Images



Western Blot of Anti-Rat IgM (mu chain) (GOAT) Antibody . Lane M: 3  $\mu$ l 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) (Texas Red™ 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.