

## Anti-Rat IgG F(ab')2 (Texas Red™ Conjugated) Secondary Antibody

Rabbit Polyclonal, Texas Red® Catalog # ASR2498

### **Specification**

**Physical State** 

Host Isotype

## Anti-Rat IgG F(ab')2 (Texas Red™ Conjugated) Secondary Antibody - Product Information

Anti-RAT IgG F(ab')2 (RABBIT) Description Antibody Texas Red™ Conjugated

Host Rabbit **Texas Red®** Conjugate

FP Value 2.1 moles Texas Red® per mole of IgG

**Target Species** 

Clonality **Polyclonal** Application IF, FC

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

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

1:500-1:2.500 Lvophilized

laG

Target Isotype IgG F(ab')2

Buffer 0.02 M Potassium Phosphate, 0.15 M

Sodium Chloride, pH 7.2

Immunogen Rat IgG F(ab')2 fragment

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 IgG F(ab')2 (Texas Red™ Conjugated) Secondary Antibody - Additional Information

## **Shipping Condition**

**Reconstitution Volume** 

**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-Rabbit Serum, Rat IgG, Rat IgG F(ab')2 and Rat Serum. No reaction was observed against Rat IgG F(c).

#### **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.

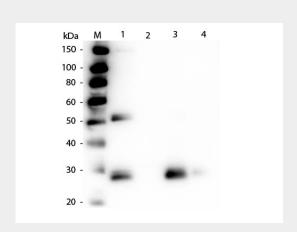
# Anti-Rat IgG F(ab')2 (Texas Red™ Conjugated) Secondary Antibody - Protein Information

## Anti-Rat IgG F(ab')2 (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
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Anti-Rat IgG F(ab')2 (Texas Red™ Conjugated) Secondary Antibody - Images



Western Blot of Anti-Rat IgG F(ab')2 (RABBIT) 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 . All samples were reduced. Load: 50 ng per Iane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rat IgG F(ab')2 (RABBIT) Antibody 1:1,000 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, 25 kDa for F(c) and F(ab), 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.

## Anti-Rat IgG F(ab')2 (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.