10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Mouse IgG Texas Red™

Catalog # ASR1496

Specification

Mouse IgG Texas Red™ - Product Information

Description	**MOUSE IgG whole molecule Texas Red™ conjugated**
Conjugate	**Texas Red®**
FP Value	**2.1 moles Texas Red® per mole of Mouse IgG**
Physical State	**Lyophilized**
Host Isotype	**IgG**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
Species of Origin	**Mouse**
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**

Mouse IgG Texas Red™ - Additional Information

Shipping Condition
Ambient

Purity
This product was prepared from normal serum by delipidation, salt fractionation, ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectro-phoresis resulted in a single precipitin arc against anti-Mouse IgG and anti-Mouse Serum.

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.

Mouse IgG Texas Red™ - Protein Information

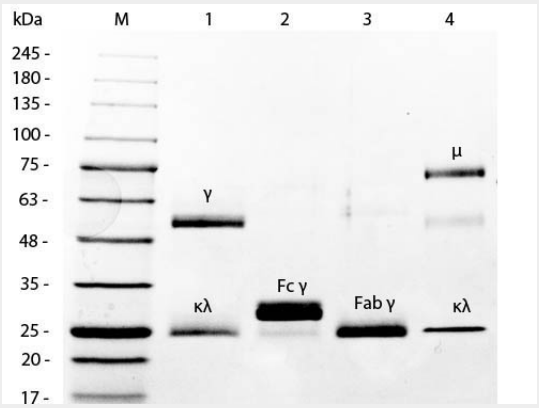
Mouse IgG Texas Red™ - Protocols

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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

Mouse IgG Texas Red™ - Images



SDS-PAGE of Mouse IgG Whole Molecule Texas Red™ Conjugated . Lane 1: 5 µL Opal Prestained Marker . Lane 2: Reduced Mouse IgG Whole Molecule Texas Red™ Conjugated . Lane 3: Reduced Mouse F(c) Fragment . Lane 4: Reduced Mouse F(ab) Fragment . Lane 5: Mouse IgM Kappa Myeloma Protein . Load: 1 µg per lane. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM K at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.

Mouse IgG Texas Red™ - 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.