10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse IgG2a isotype control Texas Red™

Monoclonal M2A IgG2a , Texas Red®
Catalog # ASR1285

Specification

Mouse IgG2a isotype control Texas Red™ - Product Information

Description	**MOUSE IgG2a isotype control Texas Red™ conjugated**
Conjugate	**Texas Red®**
FP Value	**2.7 moles Texas Red® per mole of Mouse IgG2a**
Clonality	**Monoclonal**
Application	**,4,**
Application Note	**FlowCytometry 1:1000-1:5000**
Physical State	**Lyophilized**
Host Isotype	**IgG2a**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
Species of Origin	**Mouse**
Reconstitution Volume	**100 µL**
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 IgG2a isotype control Texas Red™ - Additional Information

Shipping Condition
Ambient

Purity
This product has been prepared from mouse ascitic fluid by immunoaffinity chromatography using protein A. In an Ouchterlony double diffusion assay the material is non-reactive with antisera to mouse IgG1, IgG2b , IgG3 , IgM , and IgA. Assay by immunoelectrophoresis 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 IgG2a isotype control Texas Red™ - Protein Information

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse IgG2a isotype control Texas Red™ - 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

Mouse IgG2a isotype control Texas Red™ - Images

Mouse IgG2a isotype control Texas Red™ - Background

Isotype controls are important for Flow Cytometry and have no specificity for target cells within a particular experiment. Their purpose is to confirm the specificity of primary antibody binding that it is not a result of non-specific Fc receptor binding to cells or other cellular protein interactions. Isotype controls need to be matched to the specific primary Abs (species and isotype, including heavy and light chains) being used.