

**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	FC
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

## 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 Cytometry](#)
- [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.