

**Mouse IgG1 isotype Control**  
**Monoclonal MG1 IgG1 , Unconjugated**  
**Catalog # ASR2568****Specification**

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**Mouse IgG1 isotype Control - Product Information**

Description	<b>MOUSE IgG1 isotype control</b>
Conjugate	<b>Unconjugated</b>
Clonality	<b>Monoclonal</b>
Application	<b>,4,</b>
Application Note	<b>FlowCytometry 1:1000-1:5000</b>
Physical State	<b>Liquid (sterile filtered)</b>
Host Isotype	<b>IgG1</b>
Buffer	<b>0.02 M Potassium Phosphate, 0.5 M Sodium Chloride, pH 7.2</b>
Species of Origin	<b>Mouse</b>
Stabilizer	<b>None</b>
Preservative	<b>0.01% (w/v) Sodium Azide</b>

**Mouse IgG1 isotype Control - Additional Information****Shipping Condition**

Wet Ice

**Purity**

Mouse Isotype control has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein A. In an Ouchterlony double diffusion assay, the material is non-reactive with antisera to mouse IgG2a, 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 opening. 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 IgG1 isotype Control - Protein Information****Mouse IgG1 isotype Control - 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 IgG1 isotype Control - Images**

#### **Mouse IgG1 isotype Control - Background**

Isotype control Mouse IgG1 is important for Flow Cytometry. Mouse IgG1 control has 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.