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Mouse IgG1 isotype Control

Monoclonal MG1 IgG1 , Unconjugated
Catalog # ASR2568

Specification

Mouse IgG1 isotype Control - Product Information

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

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 Cytomety
- 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.