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MOUSE IgG2a isotype Control

Monoclonal M2A IgG2a , Unconjugated
Catalog # ASR2569

Specification

MOUSE IgG2a isotype Control - Product Information

Description	**MOUSE IgG2a isotype control**
Conjugate	**Unconjugated**
Clonality	**Monoclonal**
Application	**,4,**
Application Note	**FlowCytometry 1:1000-1:5000**
Physical State	**Liquid (sterile filtered)**
Host Isotype	**IgG2a**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
Species of Origin	**Mouse**
Stabilizer	**None**
Preservative	**0.01% (w/v) Sodium Azide**

MOUSE IgG2a 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. Typically less than 1% cross reactivity against other mouse and human heavy or light chains isotypes was detected by ELISA.

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 IgG2a isotype Control - Protein Information

MOUSE IgG2a 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 IgG2a isotype Control - Images

MOUSE IgG2a isotype Control - 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.