10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Mouse IgG1 isotype control Biotin

Monoclonal MG1 IgG1 , Biotin
Catalog # ASR1207

Specification

Mouse IgG1 isotype control Biotin - Product Information

Description	**MOUSE IgG1 isotype control Biotin conjugated**
Conjugate	**Biotin**
Clonality	**Monoclonal**
Application	**,4,**
Application Note	**FlowCytometry 1:1000-1:5000**
Physical State	**Lyophilized**
Host Isotype	**IgG1**
Buffer	**0.02 M Potassium Phosphate, 0.5 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 IgG1 isotype control Biotin - Additional Information

Shipping Condition
Ambient

Purity
This product has been prepared from in vitro cell culture by selective precipitation. 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. Typically, less than 1% cross reactivity was detected by ELISA against other mouse and human heavy or light chains isotypes using chain specific antibodies.

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 IgG1 isotype control Biotin - Protein Information

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Mouse IgG1 isotype control Biotin - 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 Biotin - Images

Mouse IgG1 isotype control Biotin - 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.