

Mouse IgG1 isotype control Phycoerythrin
Monoclonal MG1 IgG1 , R-Phycoerythrin (RPE)
Catalog # ASR3076**Specification**

Mouse IgG1 isotype control Phycoerythrin - Product Information

Description	MOUSE IgG1 isotype control Phycoerythrin conjugated
Conjugate	R-Phycoerythrin (RPE)
Clonality	Monoclonal
Application	FC
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	1.0 mL
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 Phycoerythrin - Additional Information**Shipping Condition**

Ambient

Purity

This product was prepared from ascitic fluid by affinity chromatography. Assay by immunoelectro-phoresis resulted in a single precipitin arc against anti-Phycoerythrin and Anti-Mouse Serum. Specificity was confirmed by ELISA at less than 1% cross reactivity against other anti-Mouse heavy or light chain isotypes antibodies.

Storage Condition

Store vial at 4° C prior to opening. Dilute only prior to immediate use. Do not freeze after reconstitution. Store reagent in the dark. This product is stable at 4° C as an undiluted liquid. Use subdued lighting during handling and incubation of cells prior to analysis.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Mouse IgG1 isotype control Phycoerythrin - Protein Information**Mouse IgG1 isotype control Phycoerythrin - 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 Phycoerythrin - Images

Mouse IgG1 isotype control Phycoerythrin - 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.