

# Mouse IgG1 isotype control Phycoerythrin

Monoclonal MG1 IgG1 , R-Phycoerythrin (RPE)

Catalog # ASR3076

## Product Information

---

<b>Description</b>	MOUSE IgG1 isotype control Phycoerythrin conjugated
<b>Conjugate</b>	R-Phycoerythrin (RPE)
<b>Clonality</b>	Monoclonal MG1 IgG1
<b>Physical State</b>	Lyophilized
<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>Reconstitution Volume</b>	1.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.01% (w/v) Sodium Azide

## Additional Information

---

<b>Shipping Condition</b>	Ambient
<b>Application Note</b>	Mouse IgG1 isotype control can be utilized as a control or standard reagent in Flow cytometry, Western Blotting, and ELISA experiments where determination of sample isotype is important.
<b>Purity</b>	This product was prepared from ascitic fluid by affinity chromatography. Assay by immunoelectrophoresis 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.
<b>Storage Condition</b>	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.
<b>Precautions Note</b>	This product is for research use only and is not intended for therapeutic or diagnostic applications.

## 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.