

# Mouse IgG3 isotype Control

Monoclonal MG3 IgG3 , Unconjugated  
Catalog # ASR2571

## Product Information

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<b>Description</b>	MOUSE IgG3 isotype control
<b>Conjugate</b>	Unconjugated
<b>Clonality</b>	Monoclonal MG3 IgG3
<b>Physical State</b>	Liquid (sterile filtered)
<b>Host Isotype</b>	IgG3
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Species of Origin</b>	Mouse
<b>Stabilizer</b>	None
<b>Preservative</b>	0.01% (w/v) Sodium Azide

## Additional Information

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<b>Shipping Condition</b>	Wet Ice
<b>Application Note</b>	Mouse IgG3 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>	Mouse Isotype control has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein A. Extensive cross-adsorption was performed to remove any unwanted subclasses. Typically less than 1% cross reactivity against other mouse and human heavy or
<b>Storage Condition</b>	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.
<b>Precautions Note</b>	This product is for research use only and is not intended for therapeutic or diagnostic applications.

## Background

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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.

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