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Mouse IgG2b isotype Control

Monoclonal M2B IgG2b , Unconjugated
Catalog # ASR2570

Product Information

Description	MOUSE IgG2b isotype control
Conjugate	Unconjugated
Clonality	Monoclonal M2B IgG2b
Physical State	Liquid (sterile filtered)
Host Isotype	IgG2b
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

Additional Information

Shipping Condition	Wet Ice
Application Note	Mouse IgG2b 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.
Purity	Mouse Isotype control has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein A. Extensive cross-adsorbtion was performed to remove any unwanted subclasses. 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.

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.

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