

# Product Datasheet

## Mouse IgG2b Isotype Control (M2B) NBP1-96969

Unit Size: 1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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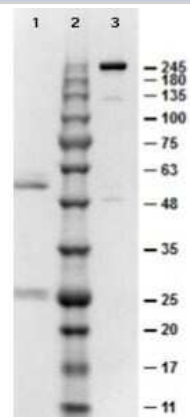
**NBP1-96969**

## Mouse IgG2b Isotype Control (M2B)

<b>Product Information</b>	
<b>Unit Size</b>	1 mg
<b>Concentration</b>	Please contact technical services for concentration.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	M2B
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Product Description</b>	
<b>Description</b>	<p>This antibody has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein A. Extensive cross-adsorption was performed to remove any unwanted subclasses. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse IgG2b and anti-Mouse serum. Isotyping assay resulted non-reactive with antisera to mouse IgG1, IgG2a, IgG3, IgA, IgM. Confirmed by SDS-PAGE.</p> <p>Store vial at 4C prior to opening. For extended storage aliquot contents and freeze at -20C 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 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
<b>Host</b>	Mouse
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	Extensive cross-adsorption was performed to remove any unwanted subclasses. Isotyping assay resulted non-reactive with antisera to mouse IgG1, IgG2a, IgG3, IgA, IgM
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, SDS-Page
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:2000, Flow Cytometry 1:1000 - 1:5000, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, SDS-Page, Fluorophore-linked immunosorbent assay 1:100 - 1:2000
<b>Application Notes</b>	This product has been tested by SDS-Page and can be utilized as a control or standard reagent in Flow cytometry, Western Blotting, and ELISA experiments where determination of sample isotype is important.

## Images

SDS-Page: Mouse IgG2b Isotype Control (M2B) [NBP1-96969] - SDS-PAGE results of Mouse IgG2b isotype control (M2B). Lane 1: reduced Mouse IgG2b isotype control (M2B). Lane 2: opal prestained molecular weight ladder. Lane 3: non-reduced Mouse IgG2b isotype control (M2B). Load: 1ug. 4-20% Lonza SDS-PAGE; Coomassie Stained; ChemiDoc Imaged.





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MAB9636-100	IgG2b Antibody (2215A) [Unconjugated]
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#### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

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