

# Product Datasheet

## Mouse IgG3 Isotype Control (MG3) NBP1-96777

Unit Size: 1 mg

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

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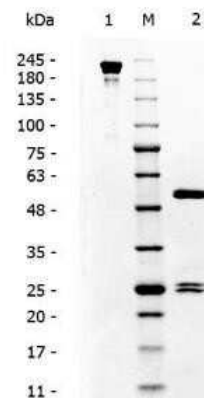


**NBP1-96777****Mouse IgG3 Isotype Control (MG3)**

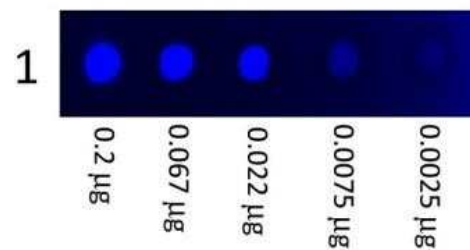
<b>Product Information</b>	
<b>Unit Size</b>	1 mg
<b>Concentration</b>	Please contact technical services for concentration.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MG3
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG3
<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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse IgG3 and anti-Mouse serum. Isotyping assay resulted non-reactive with antisera to mouse IgG1, IgG2a, IgG2b, 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>Gene ID</b>	3502
<b>Gene Symbol</b>	IGHG3
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	Isotyping assay resulted non-reactive with antisera to mouse IgG1, IgG2a, IgG2b, IgA, IgM
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Dot Blot, ELISA, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:2000, Flow Cytometry 1:1000 - 1:5000, ELISA, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Dot Blot, Fluorophore-linked immunosorbent assay
<b>Application Notes</b>	This product has been tested by SDS-Page and ELISA 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

Western Blot: Mouse IgG3 Isotype Control (MG3) [NBP1-96777] - SDS-PAGE of Mouse IgG3. Lane 1: Non-Reduced Human IgG. Lane 2: 5uL OPAL Pre-stained Marker MB-210-0500. Lane 3: Reduced Mouse IgG3. Load: 1ug per lane. Predicted/Observed size: Non-reduced at 180-245 kDa, Reduced at 55, 25 kDa.



Dot Blot: Mouse IgG3 Isotype Control (MG3) [NBP1-96777] - A three-fold serial dilution of Fluorescein conjugated Mouse IgG3 subclass starting at 200ug was spotted onto 0.45 um nitrocellulose. Image from the FITC version of this antibody.





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### **Products Related to NBP1-96777**

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H00003502-P01-10ug	Recombinant Human IgG3 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-62125	IgG3 Antibody (RM119)
M6000B-1	IL-6 [HRP]

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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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