

# Product Datasheet

## Mouse IgG1 Kappa Isotype Control (MG1K) NBP1-96983

Unit Size: 1 mg

Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.

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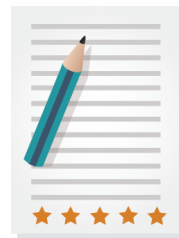
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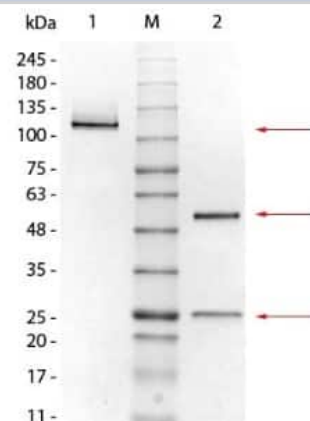
**NBP1-96983****Mouse IgG1 Kappa Isotype Control (MG1K)**

<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. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MG1K
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.5 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 IgG and anti-Mouse serum. Isotyping assay resulted non-reactive with antisera to mouse IgG2a, IgG2b, IgG3, IgA, IgM. Light chain composition has been confirmed by SDS-PAGE.</p> <p>Store vial at 4C prior to opening. This product is stable 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p>
<b>Host</b>	Mouse
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	Isotyping assay resulted non-reactive with antisera to mouse IgG2a, IgG2b, 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, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, SDS-Page 1:100 - 1:2000, Fluorophore-linked immunosorbent assay 1:100 - 1:2000
<b>Application Notes</b>	This product has been tested in 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 IgG1 Kappa Isotype Control (MG1K) [NBP1-96983] - SDS-PAGE of Mouse IgG1 Kappa Isotype Control. Lane 1: Mouse IgG1 Kappa Isotype Control, Non-reduced. M: Opal Pre-stained Ladder. Lane 2: Mouse IgG1 Kappa Isotype Control, Reduced. Load: 1.0 ug per lane. Predicted/Observed: 120 kDa Non-reduced, 55 and 25 Reduced



## Publications

G Jacquemin, A Wurmser, M Huyghe, W Sun, Z Homayed, C Merle, M Perkins, F Qasrawi, S Richon, F Dingli, G Arras, D Loew, D Vignjevic, J Pannequin, S Fre Paracrine signalling between intestinal epithelial and tumour cells induces a regenerative programme Elife, 2022-05-11;11(0):. 2022-05-11 [PMID: 35543624]



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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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