

Product Datasheet

Mouse IgG2a Kappa Isotype Control (M2AK) NBP1-96981-0.5mg

Unit Size: 0.5 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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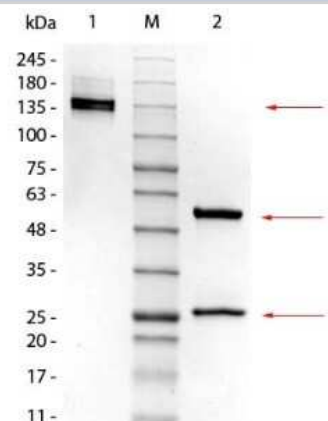
NBP1-96981-0.5mg

Mouse IgG2a Kappa Isotype Control (M2AK)

Product Information	
Unit Size	0.5 mg
Concentration	Please contact technical services for concentration.
Storage	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.
Clonality	Monoclonal
Clone	M2AK
Preservative	0.01% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	0.02 M Potassium Phosphate, 0.5 M Sodium Chloride, pH 7.2
Product Description	
Description	<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 IgG2a and anti-Mouse serum. Isotyping assay resulted non-reactive with antisera to mouse IgG1, 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>
Host	Mouse
Species	Mouse
Specificity/Sensitivity	Isotyping assay resulted non-reactive with antisera to mouse IgG1, IgG2b, IgG3, IgA, IgM
Product Application Details	
Applications	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, SDS-Page
Recommended Dilutions	Western Blot, Flow Cytometry 1:1000-1:5000, ELISA, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, SDS-Page, Fluorophore-linked immunosorbent assay 1:100 - 1:2000
Application Notes	This product has been tested in SDS-Page, ELISA, and western blot 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 IgG2a Kappa Isotype Control (M2AK) [NBP1-96981] - SDS-PAGE of Mouse IgG2a Kappa Isotype Control. Lane 1: Mouse IgG2a Kappa Isotype Control, Non-reduced. M: Opal Pre-stained Ladder. Lane 2: Mouse IgG2a Kappa Isotype Control, Reduced. Load: 1.0 ug per lane. Predicted/Observed: 140 kDa Non-reduced, 55 and 25 Reduced.



Publications

Dubner AM, Lu S, Jolly AJ et al. Smooth muscle-derived adventitial progenitor cells promote key cell type transitions controlling plaque stability in atherosclerosis in a Klf4-dependent manner bioRxiv 2023-07-23 [PMID: 37503181] (Flow Cytometry)



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Products Related to NBP1-96981-0.5mg

NBP2-62007	IgG2a Kappa Antibody (RM107)
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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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