

Product Datasheet

Mouse IgA Kappa Isotype Control (MAK) NBP1-97030

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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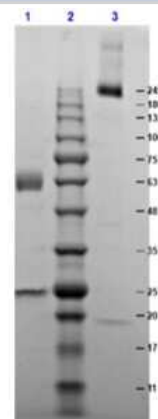


NBP1-97030**Mouse IgA Kappa Isotype Control (MAK)**

Product Information	
Unit Size	1 mg
Concentration	1.0 mg/ml
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	MAK
Preservative	0.1% Sodium Azide
Isotype	IgA
Purity	Multi-step
Buffer	0.1 M Tris Chloride, 0.5 M Sodium Chloride, pH 8.0
Product Description	
Description	<p>This isotype control was prepared from concentrated cell culture supernatant by a multi-step process which includes selective precipitation and tandem molecular sieve chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse IgA alpha and anti-Mouse serum.</p> <p>Store vial at 4C prior to opening. 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, IgG2a, IgG2b, IgG3, IgM. SDS-PAGE shows a band at 60 kDa corresponding to alpha heavy chain.
Immunogen	Mouse IgA Kappa
Product Application Details	
Applications	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, SDS-Page
Recommended Dilutions	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
Application Notes	This product has been tested in ELISA and 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 IgA Kappa Isotype Control (MAK) [NBP1-97030] - SDS PAGE Results of Mouse IgA Kappa isotype control (MAK). Lane 1: Mouse IgA Kappa isotype control (MAK) Reduced [1ug]. Lane 2: Opal Prestained Molecular Weight Marker. Lane 3: Mouse IgA Kappa isotype control (MAK) Non-Reduced [1ug]. 4-20% Gel, Coomassie Stained.



Publications

Strieder-Barboza C, Baker NA, Flesher CG, et al. Advanced glycation end-products regulate extracellular matrix-adipocyte metabolic crosstalk in diabetes Sci Rep 2019-12-26 [PMID: 31875018] (Func)



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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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