

Product Datasheet

Mouse IgM Kappa Light Chain Isotype Control (MMK) NBP1-96975-0.5mg

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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NBP1-96975-0.5mg

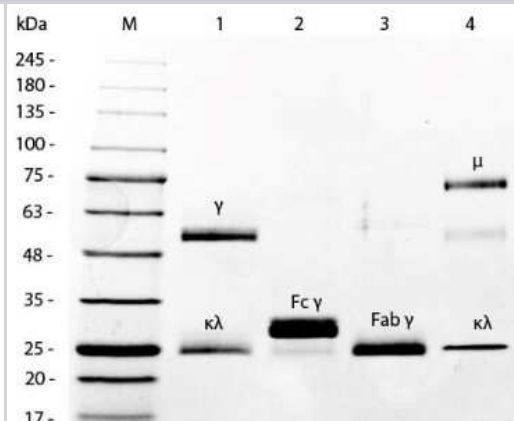
Mouse IgM Kappa Light Chain Isotype Control (MMK)

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	MMK
Preservative	0.1% Sodium Azide
Isotype	IgM Kappa
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 IgM mu and anti-Mouse serum.</p> <p>Store vial at 4C prior to opening. Stable at 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, Ig3, IgA
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, 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 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 IgM Kappa Light Chain Isotype Control (MMK) [NBP1-96975] - SDS-PAGE of Mouse IgM Kappa isotype control. Lane 1: 5 uL Opal Prestained Marker. Lane 2: Reduced Mouse IgG Whole Molecule. Lane 3: Reduced Mouse F(c) Fragment. Lane 4: Reduced Mouse F(ab) Fragment. Lane 5: Mouse IgM Kappa isotype control. Load: 1 ug per lane. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab') at 25 kDa; IgM at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.





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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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