

Product Datasheet

Mouse IgG Fc Isotype Control NBP1-96784

Unit Size: 1 mg

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

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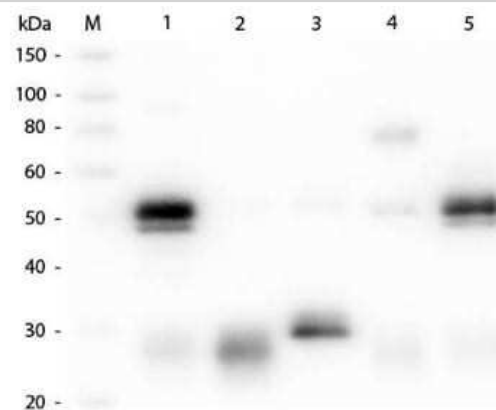
NBP1-96784

Mouse IgG Fc Isotype Control

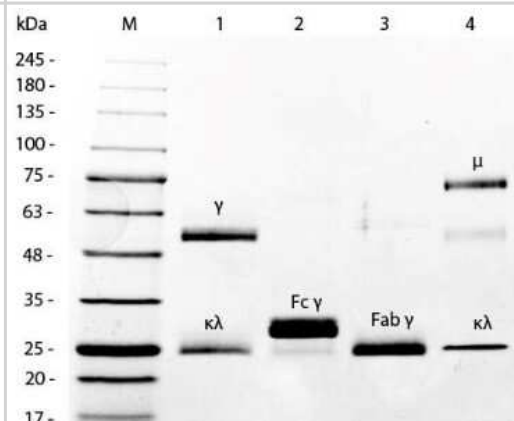
Product Information	
Unit Size	1 mg
Concentration	Please contact technical services for concentration.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and papain digestion followed by chromatographic separation and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse Serum, anti-Mouse IgG and anti-Mouse IgG F(c)</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>
Host	Mouse
Species	Mouse
Specificity/Sensitivity	No reaction was observed against anti-Mouse IgG F(ab') ₂ or anti-Papain.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, SDS-Page
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, SDS-Page
Application Notes	This product has been tested by SDS-Page and can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.

Images

Western Blot: Mouse IgG Fc Isotype Control [NBP1-96784] - Lane M: 3 ul Molecular Ladder. Lane 1: Rabbit IgG whole molecule (NBP2-36463). Lane 2: Rabbit IgG F(ab) Fragment (NBP1-97016). Lane 3: Rabbit IgG F(c) Fragment (NBP1-96784). Lane 4: Rabbit IgM Whole Molecule (NBP1-96968). Lane 5: Normal Rabbit Serum. All samples were reduced. Load: 50 ng per lane. Blocked in blocking buffer for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (GOAT) Antibody (Min X Bv, Ch, Gt, GP, Ham, Hs, Hu, Ms, Rt & Sh Serum Proteins. (NBP1-72732) 1:1,000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40,000 in blocking buffer for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.



SDS-Page: Mouse IgG Fc Isotype Control [NBP1-96784] - SDS-PAGE of Mouse IgG F(c) Fragment. 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 Myeloma Protein. 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 K at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.





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Products Related to NBP1-96784

NB7446	Goat anti-Human IgG Fc Secondary Antibody
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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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