

Product Datasheet

Rat IgG Fc Isotype Control

NBP1-96967

Unit Size: 1 mg

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

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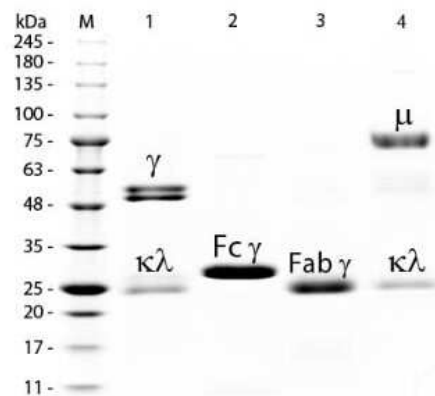


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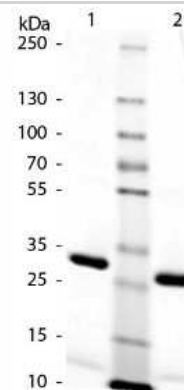
Product Information	
Unit Size	1 mg
Concentration	Please contact technical services for concentration.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M 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-Rat Serum, anti-Rat IgG and anti-Rat IgG F(c)</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, aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p>
Host	Rat
Species	Rat
Specificity/Sensitivity	No reaction was observed against anti-Rat IgG F(ab') ₂ or anti-Papain.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, SDS-Page
Recommended Dilutions	Western Blot 1:100 - 1:2000, ELISA, Immunohistochemistry 1:10 - 1:500, SDS-Page
Application Notes	This product has been tested in SDS-Page and can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.

Images

SDS-Page: Rat IgG Fc Isotype Control [NBP1-96967] - SDS-PAGE of Rat IgG F(c) Fragment. Lane M: 3 uL Opal Prestained Marker. Lane 1: Reduced Rat IgG Whole Molecule. Lane 2: Reduced Rat IgG F(c) Fragment. Lane 3: Reduced Rat IgG Fab Fragment. Lane 4: Reduced Rat IgM Whole Molecule. Load: 1 ug of IgG, F(c) and Fab; 1.5 ug of IgM. Predicted/Observed size: IgG at 55 and 25 kDa; F(c) at 25 kDa; Fab at 25 kDa; IgM at 78 and 25 kDa. Observed F(c) Fragment migrates slightly higher.



SDS-Page: Rat IgG Fc Isotype Control [NBP1-96967] - SDS-Page of Rat IgG F(c). Lane 1: Rat Fc - Non-reduced. Lane 2: Rat Fc - Reduced. Load: 1.0 ug per lane. Predicted/Observed size: 25 kDa, 25 kDa for Reduced Fc. Other band(s): None.





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Products Related to NBP1-96967

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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