

Product Datasheet

Rat IgG Isotype Control NBP1-97040-5mg

Unit Size: 5 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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NBP1-97040-5mg

Rat IgG Isotype Control

Product Information	
Unit Size	5 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 500 ul deionized water (or equivalent).
Isotype	IgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

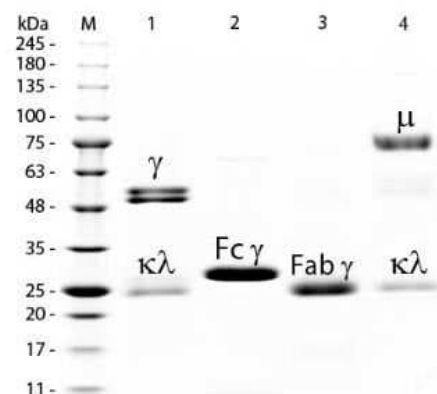
Product Description	
Description	<p>This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rat IgG and anti-Rat Serum.</p> <p>Store vial at 4C prior to restoration. 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	Rat
Gene ID	3500
Gene Symbol	IGHG1
Species	Rat

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, SDS-Page
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry, ELISA 1:100 - 1:2000, SDS-Page 1:100 - 1:2000
Application Notes	This product has been tested by SDS-Page and Western Blot and is suitable for use as antigen or ligand in immunochemical reactions, as a control or standard in assays, for conjugation and most other immunological methods requiring highly purified immunoglobulins.

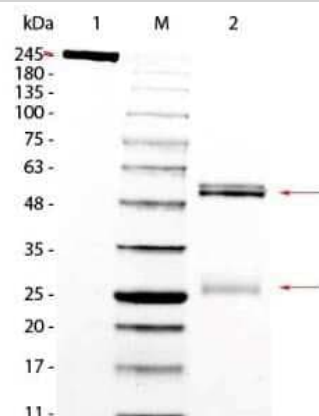


Images

Western Blot: Rat IgG Isotype Control [NBP1-97040] - SDS-Page: Rat IgG Isotype Control [Agarose Immobilized] [NBP1-97145] - Lane M: 3 uL Opal Prestained Marker. Lane 1: Reduced Rat IgG Whole Molecule Agarose Conjugated. 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), Fab; 1.5 ug of IgM. Image using the Agarose form of this antibody.



SDS-Page: Rat IgG Isotype Control [NBP1-97040] - SDS PAGE of Rat IgG Whole Molecule. Lane 1: Non-Reduced Rat IgG Whole Molecule. Lane 2: 5 uL Opal Prestained Marker. Lane 3: Reduced Rat IgG Whole Molecule. Load: 1 ug per lane.



Publications

Estrada J, Zhan J, Mitchell P et al. OncoVEXmGM-CSF expands tumor antigen-specific CD8+ T-cell response in preclinical models *Journal for immunotherapy of cancer* 2023-05-01 [PMID: 37164449]



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Products Related to NBP1-97040-5mg

NBP1-99013-50ug	Recombinant Mouse IgG Protein
NB200-540	Complement C3 Antibody (11H9) - BSA Free
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody

Limitations

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