

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 |

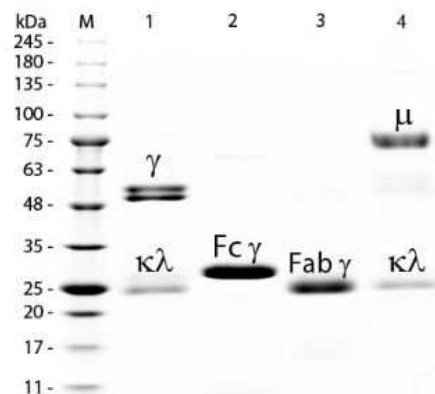
| Product Description | |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |

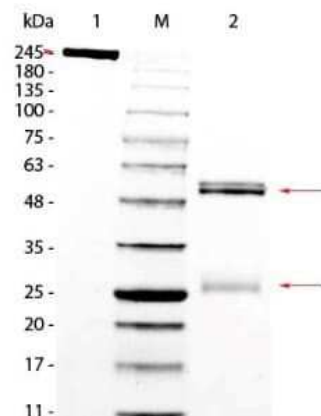


Images

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 |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NBP2-29373-100Tests | Annexin V Apoptosis Kit [FITC] |

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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