

Product Datasheet

Guinea Pig IgG Isotype Control NBP1-97036-5mg

Unit Size: 5 mg

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

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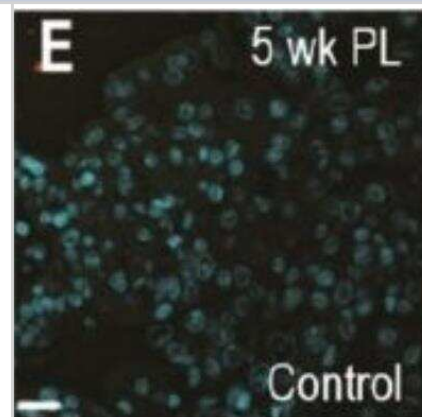
NBP1-97036-5mg

Guinea Pig IgG Isotype Control

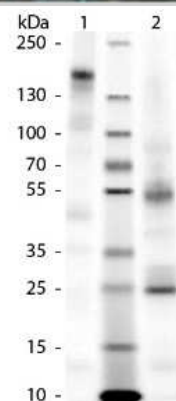
Product Information	
Unit Size	5 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 500 ul deionized water (or equivalent).
Isotype	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-Guinea Pig IgG and anti-Guinea Pig 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	Guinea Pig
Gene ID	3500
Gene Symbol	IGHG1
Species	Guinea Pig
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, SDS-Page
Recommended Dilutions	Western Blot 1:100 - 1:2000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, SDS-Page 1:100 - 1:2000
Application Notes	<p>This product has been tested in SDS-Page and can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.</p> <p>Use in IHC-P reported in scientific literature (PMID:34521750)</p>

Images

Immunocytochemistry/Immunofluorescence: Guinea Pig IgG Isotype Control [NBP1-97036] - Guinea Pig and Mouse IgG control. Image collected and cropped by CiteAb from the following publication (mdpi.com/2073-4409/8/11/1369), licensed under a CC-BY license.



SDS-Page: Guinea Pig IgG Isotype Control [NBP1-97036] - Lane 1: Guinea Pig IgG - Non-reduced. Lane 2: Guinea Pig IgG - Reduced. Load: 1.0 ug per lane. Predicted/Observed size: 25 & 55 kDa - Reduced, 160 kDa - Non-reduced for IgG whole molecule. Other band(s): None.



Publications

Ee MT, Kantores C, Ivanovska J et al. Leukotriene B4 mediates macrophage influx and pulmonary hypertension in bleomycin-induced chronic neonatal lung injury *American Journal of Physiology-Lung Cellular and Molecular Physiology* 2016-08-01 [PMID: 27317685] (Block/Neutralize)

Zhang C, Chinnappan M, Prestwood CA et al. Interleukins 4 and 13 drive lipid abnormalities in skin cells through regulation of sex steroid hormone synthesis *Proceedings of the National Academy of Sciences of the United States of America* 2021-09-21 [PMID: 34521750] (IHC-P)

Rattila S, Dunk CEE, Im M, et al. Interaction of Pregnancy-Specific Glycoprotein 1 With Integrin A5β1 Is a Modulator of Extravillous Trophoblast Functions *Cells* 2019-11-06 [PMID: 31683744] (IF/IHC)

Gan WJ, Do OH, Cottle L et al. Local Integrin Activation in Pancreatic b Cells Targets Insulin Secretion to the Vasculature *Cell* 2018-09-11 [PMID: 30208309]

Bondarieva A, Raveendran K, Telychko V et al. Proline-rich protein PRR19 functions with cyclin-like CNTD1 to promote meiotic crossing over in mouse *Nat Commun* 2020-06-18 [PMID: 32555348]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-97036-5mg

NBP1-99014-100ug	Recombinant Mouse IgG His 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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