

Product Datasheet

Human IgG Fc Isotype Control NBP1-96973

Unit Size: 1 mg

Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.

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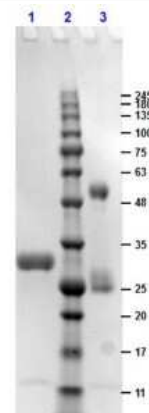
NBP1-96973

Human IgG Fc Isotype Control

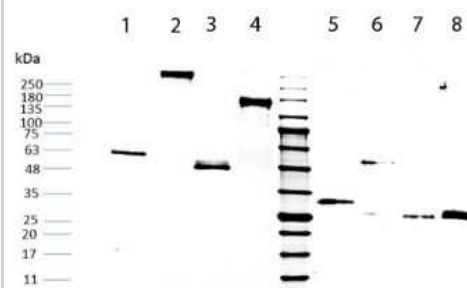
Product Information	
Unit Size	1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Ion exchange chromatography
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	Native Human IgG, Fc. Source: <i>Serum</i>
Host	Human
Species	Human
Specificity/Sensitivity	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Human Serum, anti-Human IgG and anti-Human IgG F(c). No reaction was observed against anti-Human IgG F(ab)2 or anti-Papain.
Notes	No test method can provide total assurance that the hepatitis B virus, hepatitis C virus, human immunodeficiency virus, or any other infectious agents are absent. Thus, all blood products, including purified proteins derived from human blood sources, should be handled at Biosafety Level 2 as recommended by the CDC \NIH manual entitled Biosafety in Microbiological and Biomedical Laboratories for potentially infectious human serum, blood specimens or proteins derived from same. Source material for the human blood product supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis by FDA guidelines. All units were found to be non-reactive/negative for these tests. All human blood source material is collected in FDA licensed centers and is tested with FDA approved test kits.
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, SDS-Page
Recommended Dilutions	Western Blot 1:1000, ELISA 1:5000-1:50000, Dot Blot, SDS-Page

Images

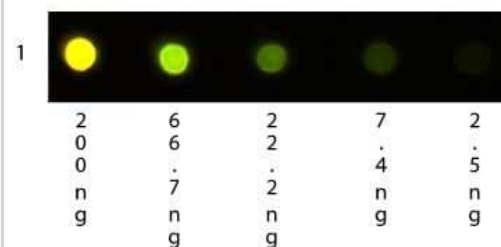
SDS-Page: Human IgG Fc Isotype Control [NBP1-96973] - SDS-PAGE results of Human IgG F(c) Fragment. Lane 1: reduced Human IgG F(c) Fragment. Lane 2: Opal Prestained Molecular Weight Ladder. Lane 3: non-reduced Human IgG F(c) Fragment. Load: 1ug. 4-20% Lonza SDS-PAGE; Coomassie Stained; BioRad ChemiDoc Imaged.



SDS-Page: Human IgG Fc Isotype Control [NBP1-96973] - SDS-PAGE of Human IgG Fc. Lane 1: Non-reduced Human IgG Fc Lane 2: Non-reduced Human IgG Whole Molecule Lane 3: Non-reduced Human IgG Fab Fragment Lane 4: Non-reduced Human IgG F(ab')₂ Fragment. Middle Lane: 5uL OPAL Pre-stained Marker MB-210-0500. Lane 5: Reduced Human IgG Fc Lane 6: Reduced Human IgG Whole Molecule Lane 7: Reduced Human IgG Fab Fragment Lane 8: Reduced Human IgG F(ab')₂ Fragment. Load: 1ug per lane. Human IgG Whole Molecule, Human IgG Fab Fragment and Human IgG F(ab')₂ Fragment ran as controls. Predicted/Observed size: Non-reduced at 50 kDa, reduced at 25 kDa/Non-reduced at 55-60 kDa, reduced at 30-33 kDa.



Dot Blot: Human IgG Fc Isotype Control [NBP1-96973] - Dot Blot: Human IgG Fc Isotype Control [Texas Red] [NBP1-97276] - Texas Red Conjugated Human IgG F(c). Load: 3-fold serial dilution starting at 200 ng. Image using the Texas Red form of this antibody.





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

Limitations

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