

# Product Datasheet

## Human IgG Fc Isotype Control [Biotin] NBP1-97275

Unit Size: 1 mg

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

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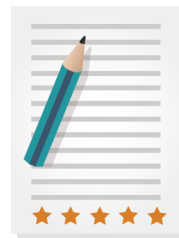
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**NBP1-97275**

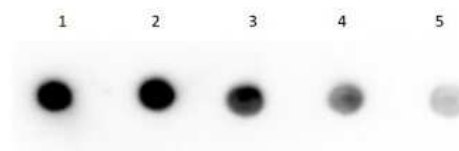
Human IgG Fc Isotype Control [Biotin]

Product Information	
Unit Size	1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 1.0 ml deionized water.
Isotype	IgG
Conjugate	Biotin
Purity	Ion exchange chromatography
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Product Description	
Description	This Human IgG Fc immunoglobulin is useful as an isotype control for Human IgG Fc antibody.
Host	Human
Species	Human
Specificity/Sensitivity	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Human IgG, anti-Human IgG F(c) and anti-Human Serum. 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, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000, ELISA 1:5000 - 1:50000, Immunohistochemistry 1:500, Immunohistochemistry-Paraffin 1:500, Immunohistochemistry-Frozen, Dot Blot



## Images

Dot Blot: Human IgG Fc Isotype Control [Biotin] [NBP1-97275] - Dot Blot of Human IgG Fc isotype control [Biotin]. Human IgG Fc Biotin Conjugate (1) 100ng, (2) 33.33ng, (3) 11.11ng, (4) 3.70ng, (5) 1.23ng. Primary Antibody: none. Secondary Antibody: Streptavidin HRP at 1:40,000 for 30 mins at RT. Blocking buffer RT for 30 mins. Exposure: 1 sec.





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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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