

Product Datasheet

Human IgG F(ab)2 Isotype Control [Biotin] NBP1-96827

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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NBP1-96827

Human IgG F(ab)2 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 (or equivalent).
Isotype	IgG
Conjugate	Biotin
Purity	Multi-step
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

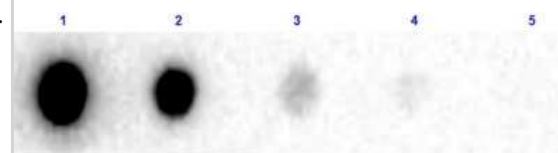
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This product was prepared from normal serum by delipidation, salt fractionation, ion exchange chromatography followed by pepsin digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Human IgG, anti-Human IgG F(ab')₂ and anti-Human Serum</p> <p>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.</p>
Host	Human
Species	Human
Specificity/Sensitivity	No reaction was observed against anti-Human IgG F(c) or anti-Pepsin.

Product Application Details	
Applications	Western Blot, Dot Blot, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Dot Blot
Application Notes	This product has been tested in dot blot and ELISA and are ideal for ELISA, western blotting, Immunohistochemistry, Fluorescence Microscopy, Flow Cytometry as well as other antibody detection methods.



Images

Dot Blot: Human IgG F(ab)2 Isotype Control [Biotin] [NBP1-96827] - Dot Blot results of Human IgG F(ab)2 isotype control [Biotin]. Antigen: Human IgG F(ab)2 isotype control [Biotin]. Blot loaded at 3 fold dilution: 1. 100ng, 2. 33.3ng, 3. 11.1ng, 4. 3.70ng, 5. 1.23ng. Blocking Buffer for 30 minutes at RT. Secondary Antibody: Streptavidin-HRP at 1:40,000 for 30 min at RT. Imaging System ChemiDoc, Filter used: Chemi.



Dot Blot results of Human IgG F(ab)2 Isotype Control [Biotin]. Antigen: Human IgG F(ab)2 Isotype Control [Biotin]. Blot loaded at 3 fold dilution: 1. 100ng, 2. 33.3ng, 3. 11.1ng, 4. 3.70ng, 5. 1.23ng. blocking Buffer for 30 minutes at RT. Secondary Antibody: Streptavidin-HRP





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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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