

Product Datasheet

Human IgM Isotype Control [Biotin] NBP1-96989

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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NBP1-96989

Human IgM 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	IgM
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	This Human IgM immunoglobulin is useful as an isotype control for Human IgM antibody.
Host	Human
Gene ID	3507
Gene Symbol	IGHM
Species	Human
Specificity/Sensitivity	No reaction was observed against anti-Human IgG F(c) or anti-Pepsin.
Notes	<p>This product was prepared from normal serum by a multi-step process which includes delipidation, selective precipitation, ion exchange chromatography followed by tandem molecular sieve chromatography and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Human IgM and anti-Human 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> <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>

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation



Recommended Dilutions	Western Blot, ELISA, Immunoprecipitation
Application Notes	This isotype control can be used as a control or standard in indirect trapping ELISA for quantitation of antigen in serum using a standard curve, for immunoprecipitation and for western blotting.

Publications

Egia-Mendikute L, Bosch A, Prieto-Fernandez E Et al. Sensitive detection of SARS-CoV-2 seroconversion by flow cytometry reveals the presence of nucleoprotein-reactive antibodies in unexposed individuals Commun Biol 2021-04-21 [PMID: 33879833]

Details:

Citation using the Biotin version of this antibody.





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Products Related to NBP1-96989

H00003507-P01-10ug	Recombinant Human IgM GST (N-Term) Protein
NB100-524	NOD2 Antibody (2D9) - BSA Free
MAB9435-100	IgM Antibody (2123A) [Unconjugated]
7268-CT-100	CTLA-4 [Unconjugated]

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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