

Product Datasheet

Human IgG Fc Isotype Control NBP2-47132

Unit Size: 1 ml

Store at 4C.

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NBP2-47132

Human IgG Fc Isotype Control

Product Information	
Unit Size	1 ml
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	Phosphate Buffered Saline

Product Description	
Description	A human expressed protein corresponding to IgGFc. Source: Human Plasma
Host	Human
Species	Human
Preparation Method	Purified normal human IgG is isolated using fractionation and DEAE chromatography. Fc fragments were produced by papain digestion and affinity chromatography. Protein concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. By immunoelectrophoresis the IgG was shown to 1) react with antiserum specific for human IgGFc, 2) not react with antiserum specific for IgA, IgM, kappa or lambda chain and 3) produce a single precipitin arc with antiserum against human serum identical to that produced with antiIgG-Fc.
Notes	Protein concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. By immunoelectrophoresis the IgG was shown to 1) react with antiserum specific for human IgGFc, 2) not react with antiserum specific for IgA, IgM, kappa or lambda chain and 3) produce a single precipitin arc with antiserum against human serum identical to that produced with antiIgG-Fc.

Product Application Details	
Applications	ELISA, Immunoprecipitation
Recommended Dilutions	ELISA, Immunoprecipitation
Application Notes	Serum or plasma from donor has been tested and found negative for HIV-1 antigen, antibodies for HIV and HCV, and non-reactive for HBsAg, HIV-1 RNA, and HCV RNA. Not tested for AntiHBc. HANDLE AS IF CAPABLE OF TRANSMITTING INFECTIOUS AGENTS.

Publications

Vogl T, Klompus S, Leviatan S Et Al. Population-wide diversity and stability of serum antibody epitope repertoires against human microbiota Nature medicine 2021-07-19 [PMID: 34282338]





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Products Related to NBP2-47132

NB7446	Goat anti-Human IgG Fc Secondary Antibody
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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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