

# Product Datasheet

## IgG Antibody (ICO-97) - Azide and BSA Free NBP2-34647-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-34647-0.1mg**

IgG Antibody (ICO-97) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ICO-97
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	75 kDa

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-34251).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	3500
Gene Symbol	IGHG1
Species	Human
Marker	B-Cell Marker
Specificity/Sensitivity	Recognizes a protein of 75kDa, identified as gamma heavy chain of human immunoglobulins. It does not cross-react with alpha (IgA), mu (IgM), epsilon (IgE), or delta (IgD), heavy chains, T-cells, monocytes, granulocytes, or erythrocytes. This monoclonal antibody is useful in the identification of leukemias, plasmacytomas, and certain non-Hodgkins lymphomas. The most common feature of these malignancies is the restricted expression of a single heavy chain class. Demonstration of clonality in lymphoid infiltrates indicates that the infiltrate is clonal and therefore malignant.
Immunogen	Purified human IgG

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.5-1ug/million cells, ELISA 1-5ug/ml for coating, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml, CyTOF-ready
Application Notes	ELISA: For coating, order antibody without BSA). Optimal dilution for a specific application should be determined.



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### **Products Related to NBP2-34647-0.1mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-99014-100ug	Recombinant Mouse IgG His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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