

Product Datasheet

IgG Antibody (ICO-97) [FITC]

NBP2-34647F

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34647F

IgG Antibody (ICO-97) [FITC]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	ICO-97
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	FITC
Purity	Protein A or G purified
Buffer	PBS
Product Description	
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, ELISA, Immunocytochemistry/Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Images

IgG Antibody (ICO-97) [FITC] [NBP2-34647F] - Vial of FITC conjugated antibody. FITC is optimally excited at 498 nm by the Blue laser (488 nm) and has an emission maximum of 519 nm.



FITC

LASER (nm)	FILTER
Blue (488)	525/50

EXCITATION MAX (nm)	EMISSION MAX (nm)
498	519



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Products Related to NBP2-34647F

NBP1-43319F	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [FITC]
NBP1-99014-100ug	Recombinant Mouse IgG His Protein
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
AB-108-C	Goat IgG Isotype Control [Unconjugated]

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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