

# Product Datasheet

## IgG Antibody (SPM556) [Alexa Fluor® 488] NBP2-34428AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34428AF488**

IgG Antibody (SPM556) [Alexa Fluor® 488]

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	SPM556
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	Alexa Fluor 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

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
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**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready

## Images

IgG Antibody (SPM556) [Alexa Fluor® 488]



Alexa Fluor® 488

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

EXCITATION MAX (nm)	EMISSION MAX (nm)
490	525



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### **Products Related to NBP2-34428AF488**

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NBP1-96981AF488	Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 488]
NBP1-99014-100ug	Recombinant Mouse IgG His Protein
NBP2-29373-100Tests	Annexin V Apoptosis Kit [FITC]
AB-108-C	Goat IgG Isotype Control [Unconjugated]

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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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