Product Datasheet

IgG Heavy Chain Antibody (IG1707R) - Azide and BSA Free
NBP2-54449-100ug

Unit Size: 100 ug

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

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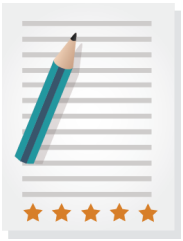


NBP2-54449-100ug

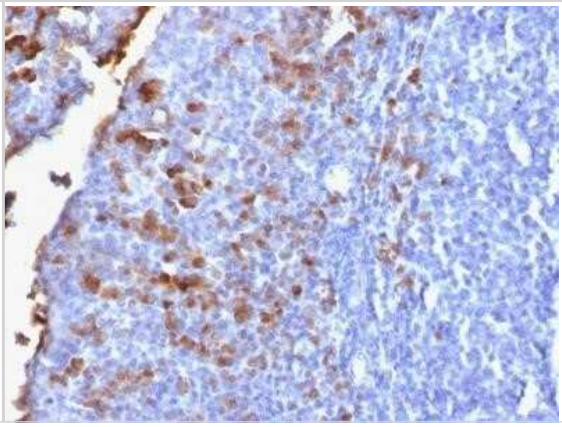
IgG Heavy Chain Antibody (IG1707R) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	IG1707R
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	10 mM PBS
Target Molecular Weight	75 kDa

Product Description	
Description	1.0 mg/ml of recombinant monoclonal antibody purified by Protein A. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53149). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Rabbit
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 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	Recombinant full-length human IgG Heavy Chain protein

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

Immunohistochemistry-Paraffin: IGHG1 Antibody (IG1707R) - Azide and BSA Free [NBP2-54449] - Formalin-fixed, paraffin-embedded human Tonsil stained with IgG Rabbit Recombinant Monoclonal Antibody (IG1707R).	

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Products Related to NBP2-54449-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB790	Sheep anti-Bovine IgG Heavy Chain Secondary Antibody

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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