

# Product Datasheet

## IgG Heavy Chain Antibody (IG1707R) [Alexa Fluor® 594] NBP2-54449AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-54449AF594**

IgG Heavy Chain Antibody (IG1707R) [Alexa Fluor® 594]

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	IG1707R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 594
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
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
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Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry



<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### Products Related to NBP2-54449AF594

IC1051T	Rabbit IgG Isotype Control (60024B) [Alexa Fluor® 594]
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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