

# Product Datasheet

## CD79A Antibody (IGA/1790R)

### NBP2-54608-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP2-54608-100ug**

CD79A Antibody (IGA/1790R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	IGA/1790R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	44 kDa

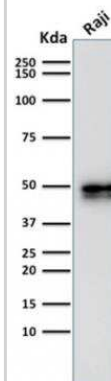
Product Description	
Description	200ug/ml of antibody purified Protein A. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-11617)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Rabbit
Gene ID	973
Gene Symbol	CD79A
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Monkey
Reactivity Notes	Others not known.
Marker	B-Cell Marker
Specificity/Sensitivity	A disulphide-linked heterodimer, consisting of mb-1 (or CD79a) and B29 (or CD79b) polypeptides, is non-covalently associated with membrane-bound immunoglobulins on B cells. This complex of mb-1 and B29 polypeptides and immunoglobulin constitute the B cell Ag receptor. CD79a first appears at pre B cell stage, early in maturation, and persists until the plasma cell stage where it is found as an intracellular component. CD79a is found in the majority of acute leukemias of precursor B cell type, in B cell lines, B cell lymphomas, and in some myelomas. It is not present in myeloid or T cell lines. Anti-CD79a is generally used to complement anti-CD20 especially for mature B-cell lymphomas after treatment with Rituximab (anti-CD20). This antibody will stain many of the same lymphomas as anti-CD20, but also is more likely to stain B-lymphoblastic lymphoma/leukemia than is anti-CD20. Anti-CD79a also stains more cases of plasma cell myeloma and occasionally some types of endothelial cells as well.
Immunogen	A synthetic peptide corresponding to aa 202-216 (GTYQDVGSLNIADVQ) of human CD79A protein. (Uniprot: P11912)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Protein Array

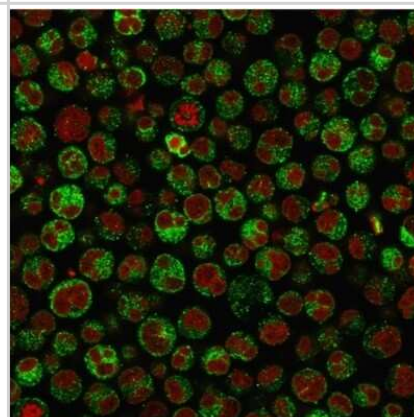
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes 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

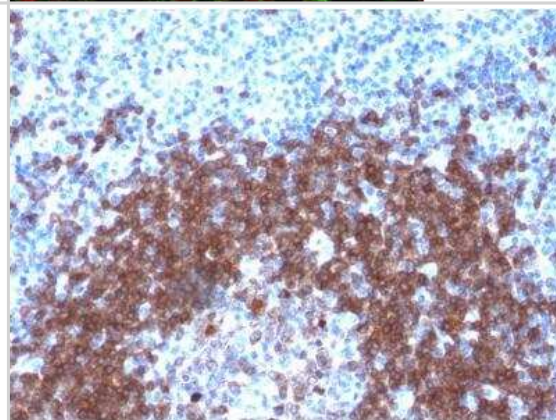
Western Blot: CD79A Antibody (IGA/1790R) [NBP2-54608] - Analysis of Raji cell lysate using CD79a Rabbit Recombinant Monoclonal Antibody (IGA/1790).



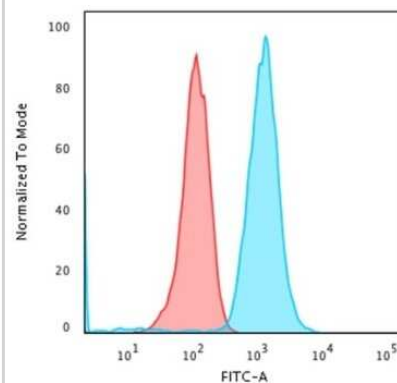
Immunocytochemistry/Immunofluorescence: CD79A Antibody (IGA/1790R) [NBP2-54608] - Immunofluorescence Analysis of Raji cells labeling CD79a with CD79A Antibody (IGA/1790R) The nuclear counterstain is Red Dot (Red)



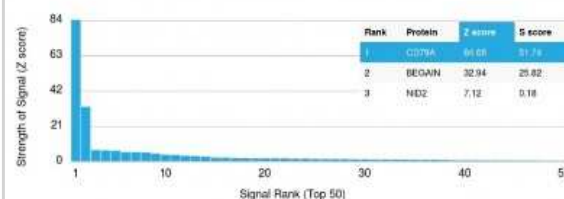
Immunohistochemistry-Paraffin: CD79A Antibody (IGA/1790R) [NBP2-54608] - Formalin-fixed, paraffin-embedded human Tonsil stained with CD79a Rabbit Recombinant Monoclonal Antibody (IGA/1790R).



Flow Cytometry: CD79A Antibody (IGA/1790R) [NBP2-54608] - Flow Cytometric Analysis of Raji cells using CD79A Antibody (IGA/1790R). followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Protein Array: CD79A Antibody (IGA/1790R) [NBP2-54608] - Analysis of Protein Array containing more than 19,000 full-length human proteins using CD79A Antibody (IGA/1790R). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5.





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### **Products Related to NBP2-54608-100ug**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-60209-50ug	Recombinant Human CD79A 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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