

Product Datasheet

CD79A Antibody (IGA/1688R) [PE] NBP2-54469PE

Unit Size: 100 ul

Store at 4C in the dark.

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NBP2-54469PE

CD79A Antibody (IGA/1688R) [PE]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	IGA/1688R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	PE
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Rabbit
Gene ID	973
Gene Symbol	CD79A
Species	Human, Mouse, Rat
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, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Publications

Joo S, Lee S, Lee S et al. Single-cell RNA sequencing reveals that a high salt diet increases IL6R-JAK1-STAT3 gene signaling pathway activity in intestinal B cells and Tfh cells of salt-sensitive hypertension animal model. Scientific reports 2025-07-16 [PMID: 40670501]





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Products Related to NBP2-54469PE

NBP2-24983	Rabbit IgG Isotype Control [PE]
NBP2-60209-50ug	Recombinant Human CD79A His Protein
7268-CT-100	CTLA-4 [Unconjugated]
9685-CD-050	CD79A [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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