

Mouse CD79b Monoclonal Antibody | anti-CD79b antibody

CD79b (B-Cell Marker)

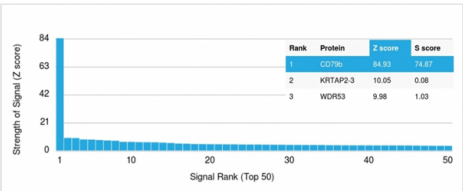
CATALOG # AAA214718	HOST Mouse	REACTIVITY Human. Others not known.	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

CD79b; Monoclonal Antibody; CD79b (B-Cell Marker); AGM6; B-cell antigen receptor complex-associated protein beta chain; B-cell-specific glycoprotein B29; B29; B29/Ig-beta/CD79b; Ig-beta; IGB; Immunoglobulin-associated B29 protein; anti-CD79b antibody

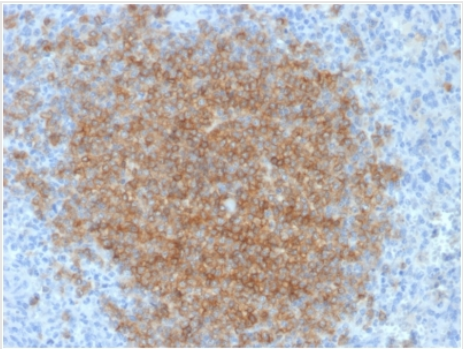
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	IGB/1844
Specificity	CD79 (also designated Ig alpha/Ig beta) is a heterodimer composed of alpha chains, designated CD79A or MB-1, and beta chains, designated CD79B or B29. The B cell antigen receptor complex (BCR) is formed by the association of CD79 with a membrane immunoglobulin, such as IgM or IgD. The membrane immunoglobulins IgM and IgD achieve surface expression and antigen presentation function in response to CD79 association. The cytoplasmic tails of both CD79A and CD79B contain an ITAM (immuno-receptor tyrosine-based activation) motif, which acts to initiate the BCR signaling reactions by binding to and activating tyrosine kinases.
Purity/Purification	0.1 mg/mL of Ab Purified from Bioreactor Concentrate by Protein A/. Prepared in 10mM PBS.
Sequence Length	229
Applicable Applications for anti-CD79b antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human CD79b protein fragment (around aa29-159)
Cellular Localization	Cell Surface
Hu-chromosome Location	17q23.3
Positive Control	Daudi or Ramos cells. Germinal center B-cells in a lymph node or tonsil.
Preparation and Storage	Store at -20°C to -80°C. Non-hazardous. No MSDS required.

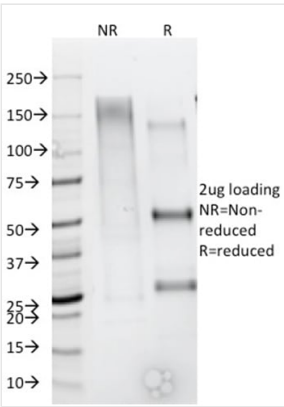


Application Data

Analysis of Protein Array containing more than 19,000 full-length human proteins using CD79b Mouse Monoclonal Antibody (IGB/1844). 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 HuProtTM 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 HuProtTM 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 be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded Human Tonsil stained with CD79b Mouse Monoclonal Antibody (IGB/1844).



SDS-PAGE
SDS-PAGE Analysis Purified CD79b Mouse Monoclonal Antibody (IGB/1844). Confirmation of Integrity and Purity of Antibody.

ADDITIONAL INFORMATION

References	Wood, W.J., Jr., et al. 1993. Genomics 16: 187-192. Mason, D.Y., et al. 1992. J. Immunol. 22:2753-2756.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11038674
NCBI GeneID	974
NCBI Accession #	NP_000617.1
NCBI GenBank Nucleotide #	NM_000626.3
UniProt Accession #	P40259; Q53FS2; Q9BU06
Molecular Weight	39kDa
NCBI Official Full Name	B-cell antigen receptor complex-associated protein beta chain isoform 1
NCBI Official Synonym Full Names	CD79b molecule
NCBI Official Symbol	CD79B
NCBI Official Synonym Symbols	B29; IGB; AGM6
NCBI Protein Information	B-cell antigen receptor complex-associated protein beta chain
UniProt Protein Name	B-cell antigen receptor complex-associated protein beta chain

UniProt Gene Name	CD79B
UniProt Synonym Gene Names	B29; IGB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd79b-antibody-clone-igb-1844-immunohistochemistry-elisa/214718>