

Rabbit CD79B Polyclonal Antibody | anti-CD79B antibody

CD79B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326529	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

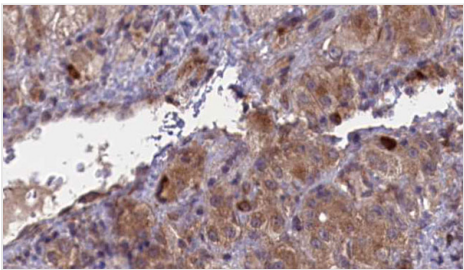
PRODUCT SYNONYMS

CD79B; Polyclonal Antibody; CD79B Antibody; AGM6; B cell antigen receptor complex associated protein beta chain; B cell specific glycoprotein B29; B-cell antigen receptor complex-associated protein beta chain; B-cell-specific glycoprotein B29; B29; B29/Ig-beta/CD79b; CD 79b; CD79b; CD79b antigen (immunoglobulin associated beta); CD79b antigen; CD79b molecule; CD79b molecule immunoglobulin associated beta; CD79b protein; CD79B_HUMAN; Ig beta; Ig-beta; IGB; Igbeta; Immunoglobulin associated B29; Immunoglobulin associated B29 protein; Immunoglobulin associated beta; Immunoglobulin associated protein; Immunoglobulin-associated B29 protein; MGC108607; anti-CD79B antibody

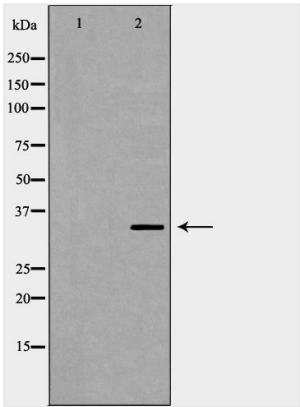
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CD79B antibody detects endogenous levels of total CD79B
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	229
Applicable Applications for anti-CD79B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD79B
Subcellular Location	Cell Membrane. Following antigen binding, the BCR has been shown to translocate from detergent-soluble regions of the cell membrane to lipid rafts although signal transduction through the complex can also occur outside lipid rafts.
Tissue Specificity	B-cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326529 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of mouse liver tissue, using CD79B antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CD79B antibody

Description: The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Function: Required in cooperation with CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Enhances phosphorylation of CD79A, possibly by recruiting kinases which phosphorylate CD79A or by recruiting proteins which bind to CD79A and protect it from dephosphorylation.
Subunit Structure: Heterodimer of alpha and beta chains; disulfide-linked. Part of the B-cell antigen receptor complex where the alpha/beta chain heterodimer is non-covalently associated with an antigen-specific membrane-bound surface immunoglobulin of two heavy chains and two light chains. Interacts with LYN (By similarity).
Post-translational Modifications: Phosphorylated on tyrosine upon B-cell activation by SRC-type Tyr-kinases such as BLK, LYN and SYK.

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	Observed: 35 kDa Predicted: 27 kDa
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

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/polyclonal/cd79b-antibody-immunohistochemistry-western-blot-elisa/326529>