

CD79B recombinant antibody

Rabbit anti-CD79B Recombinant Monoclonal Antibody [BLR229K]

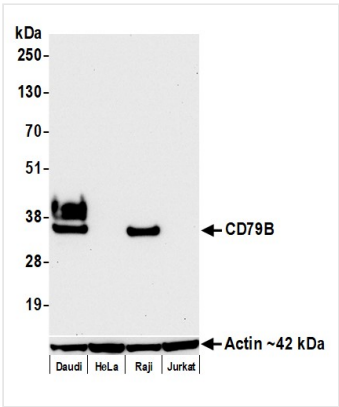
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23876	Rabbit	Human, Mouse	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD79B; Monoclonal Recombinant Antibody; Rabbit anti-CD79B Recombinant Monoclonal Antibody [BLR229K]; CD antigen CD79b; immunoglobulin-associated B29 protein; Ig-beta; IGB; AGM6; CD79b antigen (immunoglobulin-associated beta); B-cell-specific glycoprotein B29; B-cell antigen receptor complex-associated protein beta chain; B29; CD79b molecule; immunoglobulin-associated beta; CD79B recombinant antibody

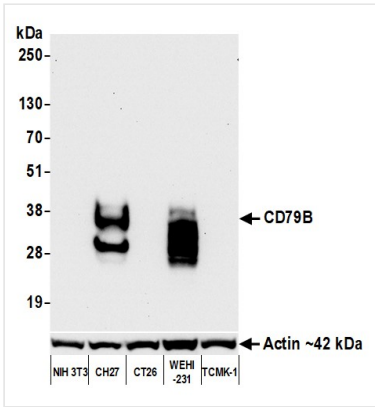
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	BLR229K
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for CD79B recombinant antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000 IP: 20 ul/mg lysate IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. FC/FACS: Fixed in 4% formaldehyde and permeabilized with 90% methanol. 1 ul per 1 x 10 ⁶ cells.
Immunogen	Between 179 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



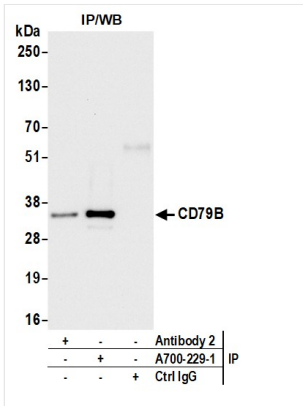
WB (Western Blot)

Detection of human CD79B by western blot. Samples: Whole cell lysate (50 ug) from Daudi, HeLa, Raji, and Jurkat cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD79B recombinant monoclonal antibody (AAA23876 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



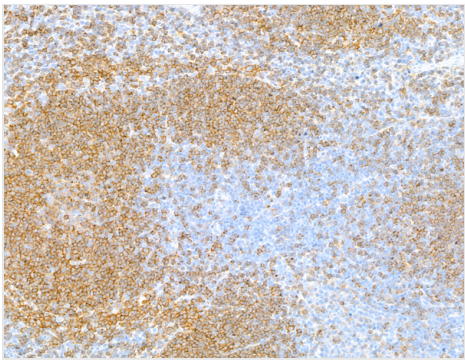
WB (Western Blot)

Detection of mouse CD79B by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, CH27, CT26, WEHI-231, and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD79B recombinant monoclonal antibody (AAA23876 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



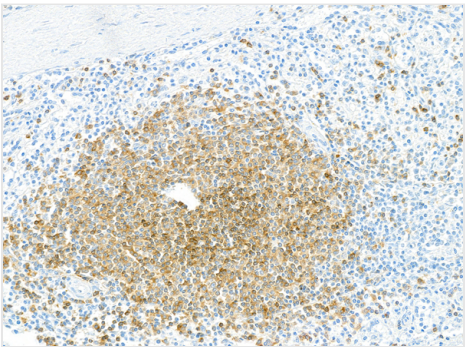
IP (Immunoprecipitation)

Detection of human CD79B by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Raji cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-CD79B recombinant monoclonal antibody (AAA23876 lot 1) used for IP at 20 ul/mg lysate. CD79B was also immunoprecipitated by a second antibody against a different epitope of CD79B (Antibody 2). For blotting immunoprecipitated CD79B, AAA23876 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 seconds.



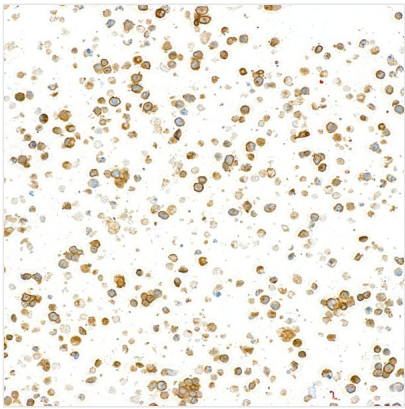
IHC (Immunohistochemistry)

Detection of mouse CD79B by immunohistochemistry. Sample: FFPE section of mouse spleen. Antibody: Rabbit anti-CD79B recombinant monoclonal antibody (AAA23876-1). Secondary: HRP-conjugated goat anti-rabbit IgG .



IHC (Immunohistochemistry)

Detection of human CD79B by immunohistochemistry. Sample: FFPE section of human spleen. Antibody: Rabbit anti-CD79B recombinant monoclonal antibody (AAA23876-1). Secondary: HRP-conjugated goat anti-rabbit IgG .



ICC (Immunocytochemistry)

Detection of mouse CD79B by immunocytochemistry. Sample: FFPE section of CH27 cells. Antibody: Rabbit anti-CD79B recombinant monoclonal antibody (AAA23876-1). Secondary: HRP-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for CD79B recombinant antibody	CD79B is 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. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P40259].
Product Categories/Family for CD79B recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11038676
NCBI GeneID	974
NCBI Accession #	NP_067613.1
NCBI GenBank Nucleotide #	NM_021602.2
UniProt Accession #	P40259; Q53FS2; Q9BU06
Molecular Weight	26,119 Da
NCBI Official Full Name	B-cell antigen receptor complex-associated protein beta chain isoform 2
NCBI Official Synonym Full Names	CD79b molecule, immunoglobulin-associated beta
NCBI Official Symbol	CD79B
NCBI Official Synonym Symbols	B29; IGB; AGM6
NCBI Protein Information	B-cell antigen receptor complex-associated protein beta chain; Ig-beta; B-cell-specific glycoprotein B29; immunoglobulin-associated B29 protein; CD79b antigen (immunoglobulin-associated beta)
UniProt Protein Name	B-cell antigen receptor complex-associated protein beta chain
UniProt Gene Name	CD79B
UniProt Synonym Gene Names	B29; IGB
UniProt Entry Name	CD79B_HUMAN

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-recombinant-antibody-clone-blr229k-western-blot-immunoprecipitation-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/23876>