

Mouse anti-Human CD79b Monoclonal Antibody | anti-CD79b antibody

anti-human CD79b-Purified (with Antibiotics)

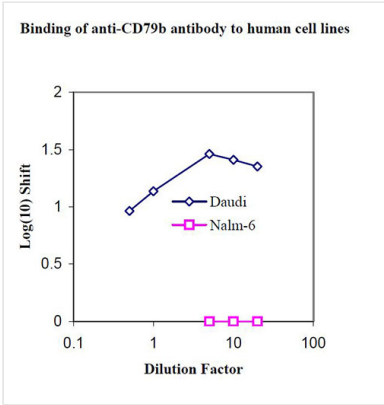
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78169	Mouse	Human	Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD79b; Monoclonal Antibody; anti-human CD79b-Purified (with Antibiotics); Monoclonal anti-human CD79b(BCR-Ig); anti-CD79b antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1k
Clone Number	SN8/3A2-2E7
Purity/Purification	Purified (with Antibiotics)
Form/Format	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5% Gentamicin sulfate
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	125
Applicable Applications for anti-CD79b antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Performance	Five x 10 ⁵ cultured Daudi human tumor cells were incubated 45 minutes on ice with 80 ul of anti-CD79b antibody at 5 ug/ml. Cells were washed twice and incubated with 2 degree reagent Goat anti-Mouse IgG/FITC, after which they were washed three times, fixed and analyzed by FACS. Cells stained positive with a mean shift of 1.50 log ₁₀ fluorescent units when compared to a Mouse IgG1 negative control at a similar concentration.
Production	Antibody was Protein A purified from (low FBS containing) tissue culture supernatant. Purity was >95% Immunoglobulin by SDS-PAGE and contains less than 1% Bovine Immunoglobulin.
Buffer	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5 mg/ml Gentamicin Sulfate (as a preservative).
Group Header	anti-human CD79b
Immunogen	Membrane preparation of human B prolymphocytic leukemia cells
Preparation and Storage	Store at 2 - 5 degree C. Freeze/Thawing is not recommended. Product should retain activity for at least 12 months after shipping date when stored as recommended.



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD79b antibody	Information: Human CD79b is the B cell antigen receptor Igbeta chain (BCR-Igbeta) which associates with B cell antigen receptor Iga chain to form a functional heterodimer that interacts with membrane immunoglobulin (mIg). The mIgM component binds antigen and the Igalpha/Igbeta heterodimer transduces signals. Antibody SN8 recognizes the extracellular part of the BCR complex chain (CD79b) which has a molecular weight of approximately 38 kd
References	M. Okazaki, et al, (1993) Blood 81: 84-94. S. Vasile, et al, (1994) Mol Immunol 31: 419-427. A.L. DeFranco, et al, (1994) Chem Immunol 59: 156-172. Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford, (1995) p. 667-675, 677-681. Chu PG, Arber DA. (2001) Appl Immunohistochem Molecul Morphol 9: 97-106.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1087009
NCBI GeneID	974
Molecular Weight	26,119 Da
NCBI Official Full Name	CD79b, partial
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.