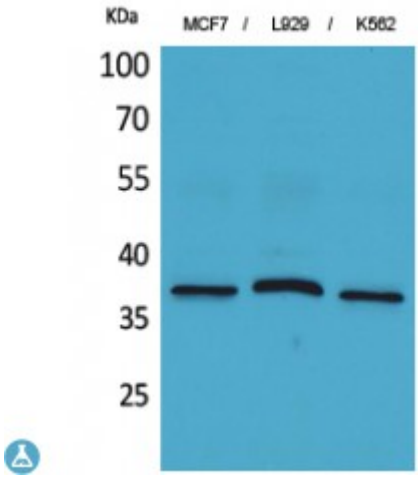
Anti-CD79b antibody



Description	Rabbit polyclonal to CD79b.

Model	STJ96620
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human CD79b.
Immunogen Region	61-110 aa, Internal
Gene ID	974
Gene Symbol	CD79B
Dilution range	WB 1:500-1:2000IHC-P 1:100-300ELISA 1:20000
Specificity	CD79b Polyclonal Antibody detects endogenous levels of CD79b protein.
Tissue Specificity	B-cells.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	B-cell antigen receptor complex-associated protein beta chain B-cell-specific glycoprotein B29 Ig-beta Immunoglobulin-associated B29 protein CD antigen CD79b
Molecular Weight	37 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1699OMIM:147245
Alternative Names	B-cell antigen receptor complex-associated protein beta chain B-cell-specific glycoprotein B29 Ig-beta Immunoglobulin-associated B29 protein CD antigen CD79b
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.
Cellular Localization	Cell membrane. Single-pass type I membrane protein. 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.
Post-translational Modifications	Phosphorylated on tyrosine upon B-cell activation by SRC-type Tyr-kinases such as BLK, LYN and SYK.