

For Research Use Only

CD79b Recombinant antibody

Catalog Number: 84523-4-RR



Basic Information

Catalog Number: 84523-4-RR	GenBank Accession Number: NM_008339.3	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 15985	CloneNo.: 241850G7
Source: Rabbit	UNIPROT ID: P15530	Recommended Dilutions: WB 1:2000-1:16000
Isotype: IgG	Full Name: CD79B antigen	
	Calculated MW: 26 kDa	
	Observed MW: 36-40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Raji cells, mouse spleen tissue, Ramos cells, Daudi cells
Species Specificity: human, mouse	

Background Information

CD79 molecule encompasses two transmembrane proteins, CD79a and CD79b, which form a disulfide-linked heterodimer and are members of the immunoglobulin (Ig) gene superfamily (PMID: 2033258; 1375264; 2304550). CD79b molecule (also known as B29, IGB, AGM6, and Igbeta) is expressed almost exclusively on B cells and B-cell neoplasms, influencing antigen internalization and increasing antigen presentation efficiency (PMID: 7552998). CD79b mutation could be a key biomarker for DLBCL disease progression (PMID: 36182550).

Storage

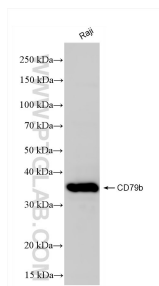
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 84523-4-RR (CD79b antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.