

For Research Use Only

Anti-Mouse CD79b Rabbit Recombinant Antibody

Catalog Number: 98217-1-RR



Basic Information

Catalog Number: 98217-1-RR	GenBank Accession Number: NM_008339.3	Purification Method: Protein A purification
Size: 100ug , 1000 µg/ml	GeneID (NCBI): 15985	CloneNo.: 241850D10
Source: Rabbit	UNIPROT ID: P15530	
Isotype: IgG	Full Name: CD79B antigen	
	Calculated MW: 26 kDa	

Applications

Tested Applications:
FC

Species Specificity:
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

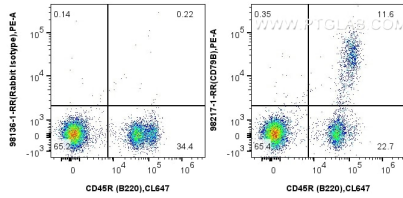
Storage:
Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

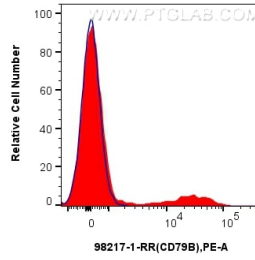
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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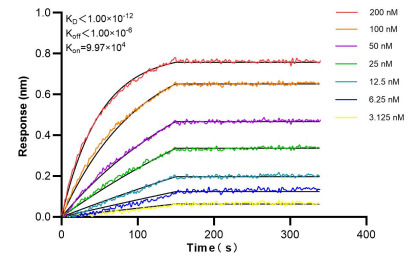
Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD79b Rabbit Recombinant Antibody (98217-1-RR, Clone: 241850D10) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Mouse CD45R (B220) (RA3-6B2) (CL647-65139, Clone: RA3-6B2). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD79b Rabbit Recombinant Antibody (98217-1-RR, Clone: 241850D10)(red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98217-1-RR against Mouse CD79b were performed. The affinity constant is below 1 pM.