

For Research Use Only

# Anti-Mouse CD79b Rabbit Recombinant Antibody

Catalog Number: 98217-1-RR



## Basic Information

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

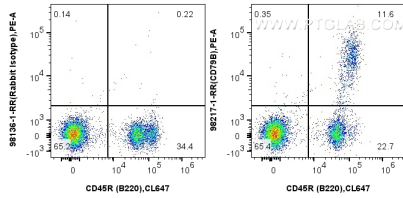
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

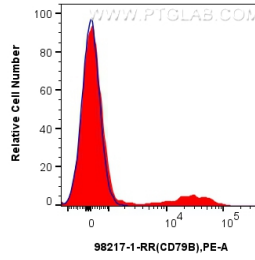
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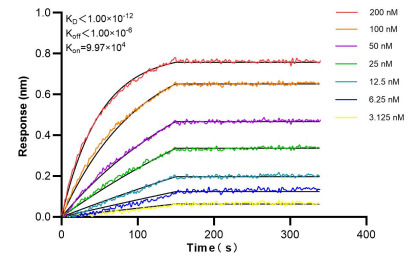
## Selected Validation Data



1x10<sup>6</sup> 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.



1x10<sup>6</sup> 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.



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