

For Research Use Only

# Anti-Human CD79b Rabbit Recombinant Antibody

Catalog Number: 98075-1-RR



## Basic Information

<b>Catalog Number:</b> 98075-1-RR	<b>GenBank Accession Number:</b> BC032651	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, 1000 µg/ml	<b>GeneID (NCBI):</b> 974	<b>CloneNo.:</b> 241273B7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P40259	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD79b molecule, immunoglobulin-associated beta	
	<b>Calculated MW:</b> 229 aa, 26 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
human

## 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

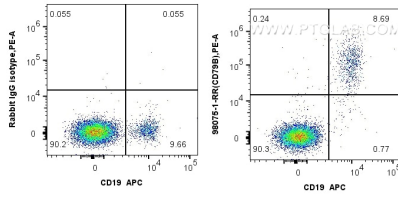
**Storage:**  
Store at 2 - 8°C. Stable for one year after shipment.

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

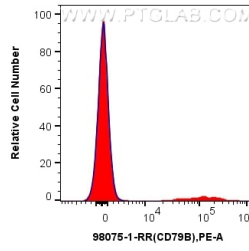
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

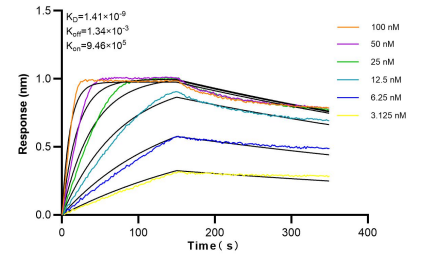
## Selected Validation Data



1x10<sup>6</sup> human PBMCs were stained with CoraLite® Plus 647 Anti-Human CD19 (4G7) Mouse IgG2a Recombinant Antibody (CL647-65562, Clone: 4G7) and 0.25 ug Anti-Human CD79b Rabbit Recombinant Antibody (98075-1-RR, Clone:241273B7), or Isotype Control. Cells were not fixed.



1x10<sup>6</sup> human PBMCs were stained with 0.25 ug Anti-Human CD79b Rabbit Recombinant Antibody (98075-1-RR, Clone:241273B7), or Isotype Control(blue). Cells were not fixed.



Biacore interferometry (BLI) kinetic assays of 98075-1-RR against Human CD79b were performed. The affinity constant is 1.41 nM.