

For Research Use Only

Anti-Human CD79b Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98075-1-PBS



Basic Information

Catalog Number:

98075-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC032651

GeneID (NCBI):

974

UNIPROT ID:

P40259

Full Name:

CD79b molecule, immunoglobulin-associated beta

Calculated MW:

229 aa, 26 kDa

Purification Method:

Protein A purification

CloneNo.:

241273B7

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 -80°C.

Storage Buffer:

PBS Only

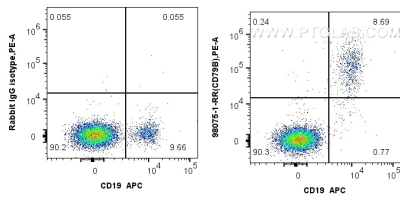
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

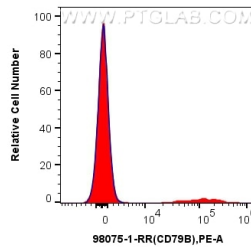
E: proteintech@ptglab.com
W: ptglab.com

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

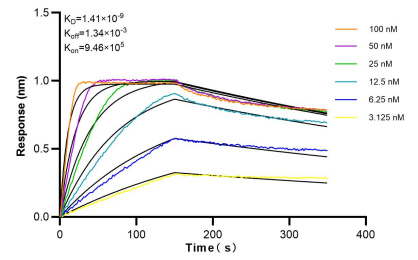
Selected Validation Data



1x10⁶ 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. This data was developed using the same antibody clone with 98075-1-PBS in a different storage buffer formulation.



1x10⁶ human PBMCs were stained with 0.25 ug Anti-Human CD79b Rabbit Recombinant Antibody (98075-1-RR, Clone:241273B7) (red), or Isotype Control(blue). Cells were not fixed. This data was developed using the same antibody clone with 98075-1-PBS in a different storage buffer formulation.



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