

For Research Use Only

CD179b Recombinant monoclonal antibody

Catalog Number: 87298-1-RR



Basic Information

Catalog Number: 87298-1-RR	GenBank Accession Number: BC012293	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3543	CloneNo.: 252001F3
Source: Rabbit	UNIPROT ID: P15814	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: immunoglobulin lambda-like polypeptide 1	
Immunogen Catalog Number: EG3515	Calculated MW: 213 aa, 23 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, NALM-6 cells
Species Specificity: human	

Background Information

CD179b, also known as IGLL1, VpreB (surrogate light chain, VpreB1), is a crucial protein component of the pre-B cell receptor (pre-BCR), which is essential for the early development of B lymphocytes (B cells) in the bone marrow.

Storage

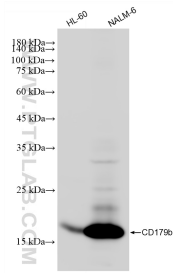
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

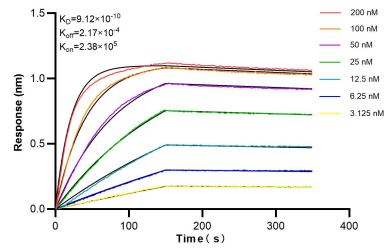
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87298-1-RR (IGLL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87298-1-RR against Human CD179b were performed. The affinity constant is 6.55 nM.