

For Research Use Only

# CD179b Recombinant monoclonal antibody, PBS Only

Catalog Number: 87298-1-PBS



## Basic Information

<b>Catalog Number:</b> 87298-1-PBS	<b>GenBank Accession Number:</b> BC012293	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 3543	<b>CloneNo.:</b> 252001F3
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P15814	
<b>Immunogen Catalog Number:</b> EG3515	<b>Full Name:</b> immunoglobulin lambda-like polypeptide 1	
	<b>Calculated MW:</b> 213 aa, 23 kDa	
	<b>Observed MW:</b> 20 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

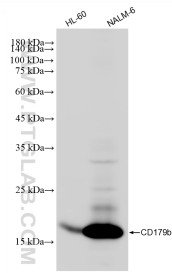
T: 4006900926

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

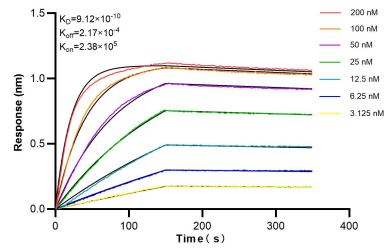
W: [ptgcn.com](http://ptgcn.com)

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## 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. This data was developed using the same antibody clone with 87298-1-PBS in a different storage buffer formulation.



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