

For Research Use Only

# FCRL4 Recombinant monoclonal antibody

Catalog Number: 86941-1-RR



## Basic Information

<b>Catalog Number:</b> 86941-1-RR	<b>GenBank Accession Number:</b> NM_031282.2	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 83417	<b>CloneNo.:</b> 251351E6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96PJ5-1	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> Fc receptor-like 4	
<b>Immunogen Catalog Number:</b> EG4749	<b>Calculated MW:</b> 57 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Raji cells, K-562 cells, HL-60 cells, mouse thymus tissue
<b>Species Specificity:</b> human, mouse	

## Background Information

Fc receptor-like (FCRL) 4 is an immunoregulatory receptor expressed on a subpopulation of human memory B cells of mucosa-associated lymphoid tissue. Fc receptor function of FCRL4 was demonstrated by binding of IgA to FCRL4 following heat aggregation of the Ig (PMID: 32513851).

## Storage

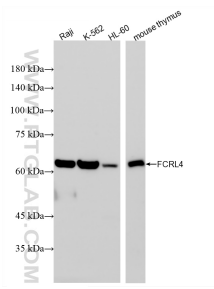
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

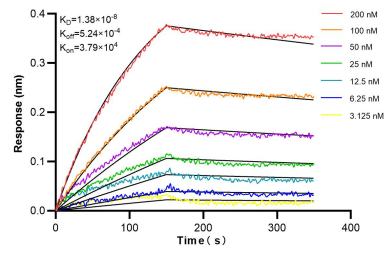
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86941-1-RR (FCRL4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86941-1-RR against Human FCRL4 were performed. The affinity constant is 13.8 nM.