

For Research Use Only

# FCRL4 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86941-1-PBS



## Basic Information

Catalog Number:

86941-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4749

GenBank Accession Number:

NM\_031282.2

GeneID (NCBI):

83417

UNIPROT ID:

Q96PJ5-1

Full Name:

Fc receptor-like 4

Calculated MW:

57 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

251351E6

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

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 -80°C.

Storage Buffer:

PBS only, pH7.3

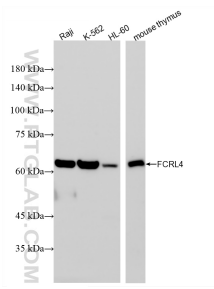
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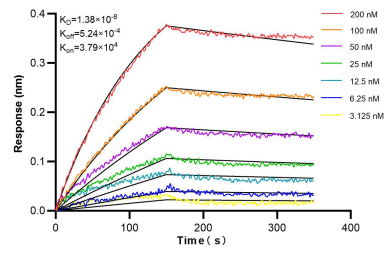
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## Selected Validation Data



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. This data was developed using the same antibody clone with 86941-1-PBS in a different storage buffer formulation.



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