

For Research Use Only

# F2RL3 Recombinant antibody

Catalog Number: 86509-1-RR



## Basic Information

Catalog Number:

86509-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13624

GenBank Accession Number:

BC074782

GeneID (NCBI):

9002

UNIPROT ID:

Q96RI0

Full Name:

coagulation factor II (thrombin)  
receptor-like 3

Calculated MW:

385 aa, 41 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

250132A3

Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse pancreas tissue, rat pancreas tissue

## Background Information

Coagulation factor II receptor-like 3 (F2RL3) encodes a member of the protease-activated receptor subfamily, also known as protease-activated receptor 4 (PAR4), which takes part in platelet activation, intimal hyperplasia and inflammation (PMID:34284820). An absence of PAR4 in mouse models results in impaired hemostasis and a protection against pulmonary embolism, and a small number of missense coding variants in F2RL3 that alter platelet aggregation and function have been described (PMID:35012325).

## 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

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

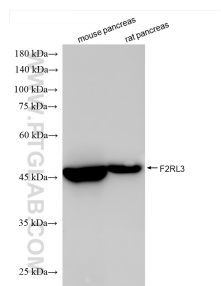
T: 4006900926

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

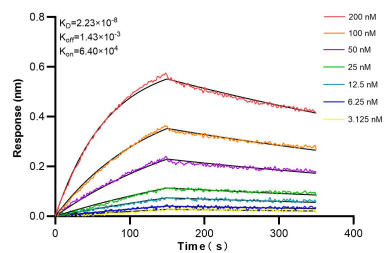
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86509-1-RR (F2RL3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86509-1-RR against Human F2RL3 were performed. The affinity constant is 22.3 nM.