For Research Use Only

F2RL3 Recombinant antibody, PBS Only

Catalog Number:86509-1-PBS

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Basic Information

Catalog Number:
86509-1-PBS

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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

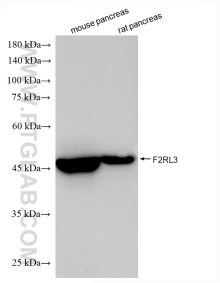
Coagulation factor II receptor-like 3 (F2RL3) encodes a member of the protease-activated receptor subfamily, also known as protease-activated receptor 4 (PAR4), which takes partin platelet activation, intimal hyperplasia and inflammation (PMID:34284820). An absence of PAR4 in mouse models results in 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

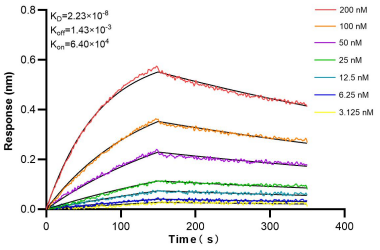
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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. This data was developed using the same antibody clone with 86509-1-PBS in a different storage buffer formulation.



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