

For Research Use Only

# F2RL3 Recombinant antibody, PBS Only

Catalog Number: 86509-1-PBS



## Basic Information

Catalog Number:	86509-1-PBS	GenBank Accession Number:	BC074782	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	9002	CloneNo.:	250132A3
Source:	Rabbit	UNIPROT ID:	Q96RIO		
Isotype:	IgG	Full Name:	coagulation factor II (thrombin) receptor-like 3		
Immunogen Catalog Number:	AG13624	Calculated MW:	385 aa, 41 kDa		
		Observed MW:	45 kDa		

## 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 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 -80°C.

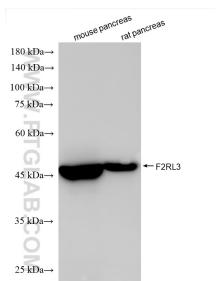
### Storage Buffer:

PBS only, pH7.3

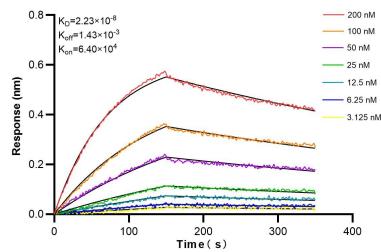
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## Selected Validation Data



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. 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.