

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;	GeneID (NCBI): 9002	CloneNo.: 250132A3
Source: Rabbit	UNIPROT ID: Q96R10	
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

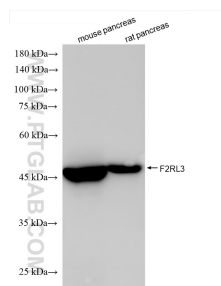
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

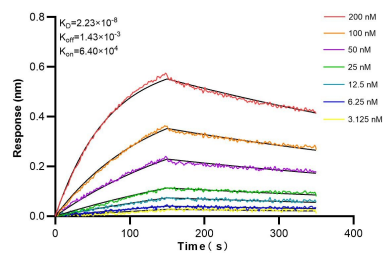
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.