

For Research Use Only

Tissue Factor/CD142 Recombinant antibody

Catalog Number: 83887-4-RR



Basic Information

Catalog Number:

83887-4-RR

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1102

GenBank Accession Number:

GeneID (NCBI):

14066

UNIPROT ID:

P20352

Full Name:

coagulation factor III

Calculated MW:

33kDa

Observed MW:

48-53 kDa

Purification Method:

Protein A purification

CloneNo.:

240875H3

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A431 cells, mouse brain tissue, SH-SY5Y cells, NIH/3T3 cells, rat skin tissue

Background Information

Normal blood coagulation is a complex process, involving a cascade of activation of different plasma proteins, ultimately resulting in the formation of a clot, called fibrin. Tissue Factor (TF), also named Coagulation factor III or F3, is the primary initiator of the blood coagulation cascade and plays an essential role in hemostasis (PMID: 26877187; PMID: 33796108). This antibody is specific for mouse Tissue Factor.

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

*** 20ul sizes contain 0.1% BSA

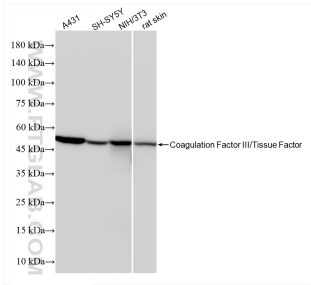
For technical support and original validation data for this product please contact:

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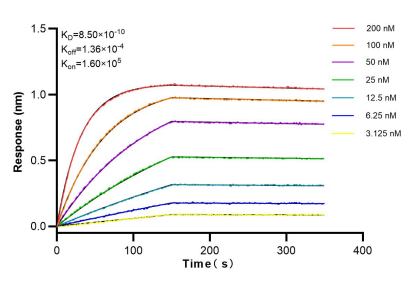
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83887-4-RR (Coagulation Factor III/Tissue Factor antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83887-4-RR against Mouse Tissue Factor were performed. The affinity constant is 0.85 nM.