

For Research Use Only

# Tissue Factor 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

**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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

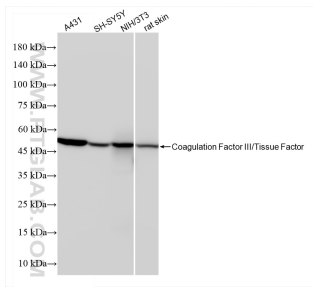
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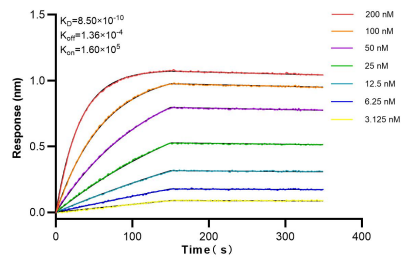
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## Selected Validation Data



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.