

For Research Use Only

# Tissue Factor Recombinant antibody, PBS Only

Catalog Number:83776-4-PBS



## Basic Information

Catalog Number:

83776-4-PBS

Size:

100ug , Concentration: 1 mg/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001993.5

GeneID (NCBI):

2152

UNIPROT ID:

P13726-1

Full Name:

coagulation factor III (thromboplastin,  
tissue factor)

Calculated MW:

33 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

240784H6

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human

## 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).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

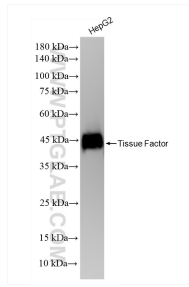
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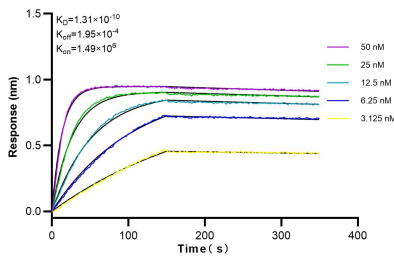
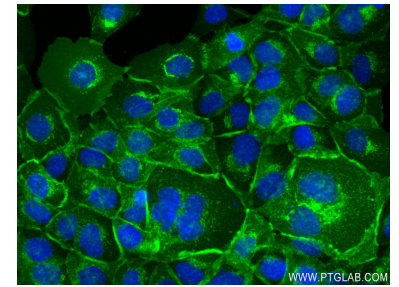
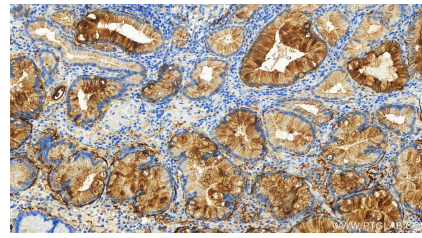
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## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 83776-4-RR (Tissue Factor antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83776-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83776-4-RR against Human Coagulation Factor III/Tissue Factor were performed. The affinity constant is 0.131 nM.