

For Research Use Only

Tissue Factor Recombinant antibody, PBS Only

Catalog Number: 83776-4-PBS



Basic Information

Catalog Number:

83776-4-PBS

Size:

1 mg/ml

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

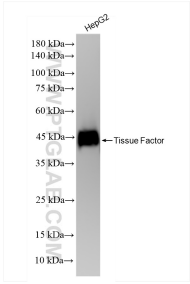
T: 4006900926

E: Proteintech-CN@ptglab.com

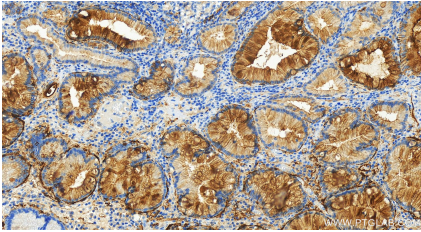
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

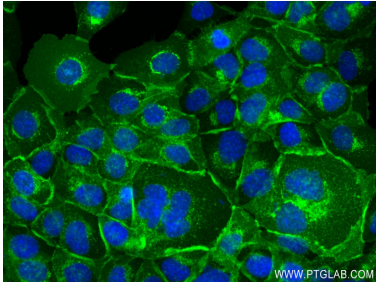
Selected Validation Data



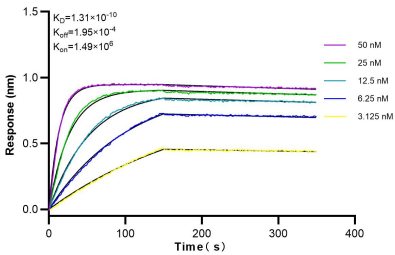
HepG2 cells were subjected to SDS PAGE followed by western blot with 83776-4-RR (Tissue Factor antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83776-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83776-4-RR (Tissue Factor antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer(pH9). This data was developed using the same antibody clone with 83776-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using Tissue Factor antibody (83776-4-RR, Clone: 240784H6) at dilution of 1:300 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). 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.