

For Research Use Only

Tissue Factor Recombinant antibody

Catalog Number: 83776-4-RR



Basic Information

Catalog Number: 83776-4-RR	GenBank Accession Number: NM_001993.5	Purification Method: Protein A purification
Size: 800 ug/ml	GeneID (NCBI): 2152	CloneNo.: 240784H6
Source: Rabbit	UNIPROT ID: P13726-1	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500 IF/ICC 1:150-1:600
Isotype: IgG	Full Name: coagulation factor III (thromboplastin, tissue factor)	
	Calculated MW: 33 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HepG2 cells, A431 cells IHC : human stomach cancer tissue, IF/ICC : A431 cells,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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 -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

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

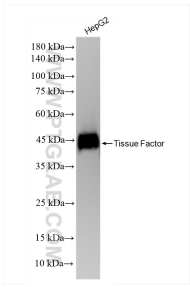
T: 4006900926

E: Proteintech-CN@ptglab.com

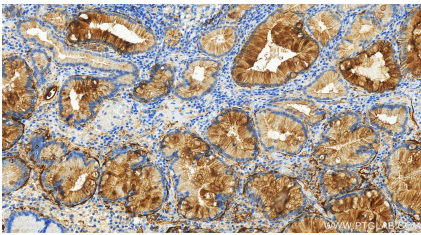
W: ptgcn.com

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

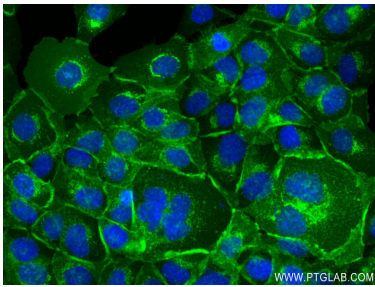
Selected Validation Data



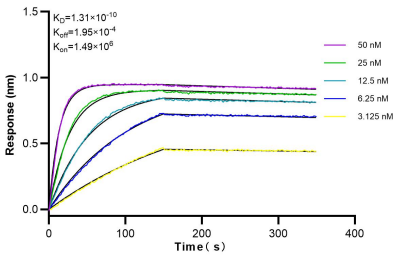
HepG2 cells were subjected to SDS PAGE followed by western blot with 83776-4-RR (Tissue Factor antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).



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).



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.