

For Research Use Only

Tissue Factor Recombinant antibody

Catalog Number:83776-4-RR



Basic Information

Catalog Number:

83776-4-RR

Size:

800 ug/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

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:150-1:600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells, A431 cells

IF/ICC : A431 cells,

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:

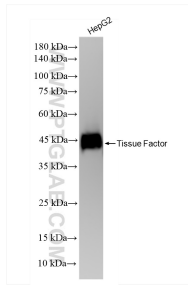
T: 4006900926

E: Proteintech-CN@ptglab.com

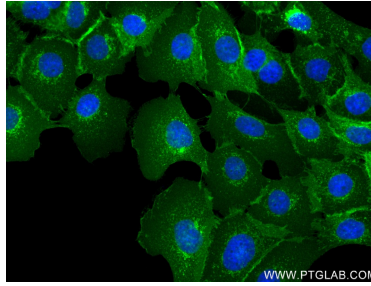
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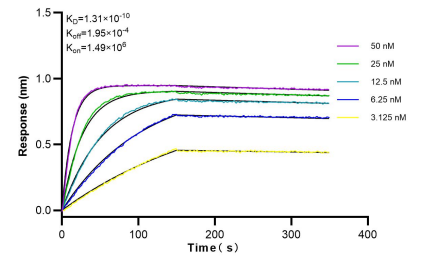
Selected Validation Data



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.



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 AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



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