

For Research Use Only

TFPI Monoclonal antibody, PBS Only

Catalog Number: 66842-1-PBS



Basic Information

Catalog Number:

66842-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG14980

GenBank Accession Number:

BC015514

GeneID (NCBI):

7035

UNIPROT ID:

P10646

Full Name:

tissue factor pathway inhibitor
(lipoprotein-associated coagulation
inhibitor)

Calculated MW:

251aa,29 kDa; 304aa,35 kDa

Observed MW:

35-38 kDa

Purification Method:

Protein A purification

CloneNo.:

1B12F11

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human

Background Information

Tissue factor pathway inhibitor (TFPI) is a critical anticoagulant protein present in endothelium and platelets. TFPI is produced as two major isoforms in humans, TFPIa and TFPIb that result from alternative splicing. The TFPIb isoform localizes to the endothelium surface where it is a potent inhibitor of tissue factor-factor VIIa complexes that initiate blood coagulation. The TFPIa isoform is present in platelets. TFPI is a Kunitz-type serine protease inhibitor that exerts anticoagulant activity by blocking early procoagulant stimuli. TFPI can enhance anti-thrombotic treatment in sepsis, inflammatory diseases, and cardiovascular diseases.

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:

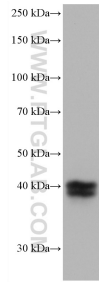
T: 4006900926

E: Proteintech-CN@ptglab.com

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

Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 66842-1-Ig (TFPI antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66842-1-PBS in a different storage buffer formulation.