

For Research Use Only

TFPI Recombinant antibody, PBS Only (Detector)

Catalog Number: 83838-4-PBS



Basic Information

Catalog Number: 83838-4-PBS	GenBank Accession Number: NM_006287.6	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7035	CloneNo.: 240977F12
Source: Rabbit	UNIPROT ID: P10646-1	
Isotype: IgG	Full Name: tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)	
	Calculated MW: 35 kDa	
	Observed MW: 40-45 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83838-4-PBS targets TFPI as part of a matched antibody pair:

MP00812-3: 83838-1-PBS capture and 83838-4-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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.

Storage Buffer:
PBS Only

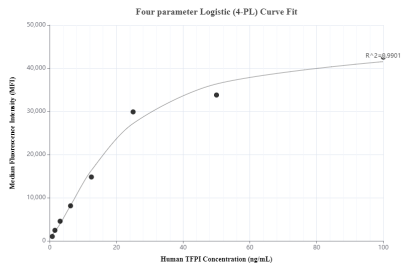
For technical support and original validation data for this product please contact:

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E: proteintech@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



Cytometric bead array standard curve of MP00812-3, TFPI Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83838-1-PBS. Detection antibody: 83838-4-PBS. Standard: Eg0855. Range: 0.781-100 ng/mL.