

TFPI

Mouse Anti-Human Tissue Factor Pathway Inhibitor mAb (Clone CLB/TFPI Kunitz-2)

Catalog No.	CS-MW1845	Quantity:	Inquire
Alternate Names:	LACI, EPI, TFPI		
Description:	Mouse monoclonal antibody to Human Tissue Factor Pathway Inhibitor (TFPI). TFPI is a protease inhibitor with three tandem Kunitz-type inhibitor domains that inhibits the tissue factor (TF)-initiated blood coagulation cascade reactions by forming a complex with factor VIIa/TF via the first Kunitz-type inhibitor domain and with factor Xa via the second Kunitz-type inhibitor domain. The third Kunitz-type inhibitor domain of TFPI has no ability to inhibit protease but plays an important role in the functions of TFPI.		
Gene ID:	7035		
UniProt ID:	P10646		
Source:	Cell culture supernatant		
Specificity:	Kunitz domain 2 (aa 88-160)		
Host:	Mouse		
Isotype:	IgG1		
Clone:	CLB/TFPI Kunitz-2		
Formulation:	20 mM Tris and 150 mM NaCl, pH 8.0. Carrier and preservative free.		
Purification:	Protein A affinity chromatography.		
Application Notes:	<p>ELISA: Useful as coating antibody in human TFPI ELISA in conjunction with tracer antibody TFPI (Kunitz-1) (CS-MW1846) for tests in plasma and serum. This combination measures truncated and full-length TFPI.</p> <p>The combination of TFPI (Kunitz-2) with TFPI (Kunitz-3) (CS-MW1847) or with TFPI (C-terminus) (CS-MW1848) measures only full-length TFPI.</p> <p>Western Blot, Flow Cytometry: This antibody is also useful for western blot analysis and in FACS analysis for detection of TFPI on endothelial and smooth muscle cells.</p> <p>Neutralization studies: Neutralizes TFPI inhibition of TF/VIIa-Xa assay and Xa in chromogen assays. It also neutralizes TFPI inhibition (partly) in a diluted protrombin test. The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Store at -20°C to -80°C in working aliquots. Avoid repeated freeze/thaw cycles.		

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