

TFPI monoclonal antibody (M01A), clone 2E5

Catalog # H00007035-M01A Size 200 uL

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant TFPI.
Immunogen	TFPI (AAH15514, 1 a.a. ~ 251 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MIYTMKKVHALWASVCLLLNLAPAPLNADSEEDDEHTITDTELPPLKLMHSFCAFKADDGPCKAI MKRFFFFNIFTRQCEEFIYGGCEGNQNRFSLEECKKMCTRDNANRIIKTTLQQEKPDFCFLEEDPG ICRGYTRYFYNNQTKQCERFKYGGCLGNMNNFETLEECKNICEDGPNGFQVDNYGTQLNAVNNSL TPQSTKVPSLFVTKEGTNDGWKNAAHIYQVFLNAFCIHASMFFLGLDSISCLC
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — TFPI

Entrez GeneID	7035
GeneBank Accession#	BC015514
Protein Accession#	AAH15514

Gene Name	TFPI
Gene Alias	EPI, LACI, TFI, TFPI1
Gene Description	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)
Omim ID	152310
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protease inhibitor that regulates the tissue factor (TF)-dependent pathway of blood coagulation. The coagulation process initiates with the formation of a factor VIIa-TF complex, which proteolytically activates additional proteases (factors IX and X) and ultimately leads to the formation of a fibrin clot. The product of this gene inhibits the activated factor X and VIIa-TF proteases in an autoregulatory loop. The encoded protein is glycosylated and predominantly found in the vascular endothelium and plasma in both free forms and complexed with plasma lipoproteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been confirmed. [provided by RefSeq]
Other Designations	OTTHUMP00000163472 anti-converitin extrinsic pathway inhibitor lipoprotein-associated coagulation inhibitor tissue factor pathway inhibitor

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Acute Disease](#)
- [Antiphospholipid Syndrome](#)
- [Arterial Occlusive Diseases](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Brain Ischemia](#)
- [Cadaver](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)

- [Cerebrovascular Accident](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Femur Head Necrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhage](#)
- [Inflammation](#)
- [Ischemic Attack](#)
- [Postoperative Complications](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Stroke](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Vascular Diseases](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)