

Datasheet

TFPI monoclonal antibody (M01A), clone 2E5

Catalog Number: H00007035-M01A

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant TFPI.

Clone Name: 2E5

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:

MIYTMKKVHALWASVCLLLNLAPAPLNADSEDEEHTII
TDTELPLPLKLMHSFCAFKADDGPCKAIMKRFFFNIFTR
QCEEFIYGGCEGNQNRFSLEECKKMCTRDNANRIIK
TTLQKEKPDFCFLEEDPGICRGYITRYFYNNQTKQCER
FKYGGCLGNMNNFETLEECKNICEDGPNGFQVDNYG
TQLNAVNNSLTPQSTKVPSLFVTKEGTNDGWKNAAHI
YQVFLNAFCIHASMFFLGLDSISCLC

Host: Mouse

Reactivity: Human

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In ascites fluid

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7035

Gene Symbol: TFPI

Gene Alias: EPI, LACI, TFI, TFPI1

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]