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TFPI2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TFPI2.
Catalog # AT4225a

Product Information

Application	WB, IHC, E
Primary Accession	P48307
Other Accession	BC005330
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	3E9
Calculated MW	26934

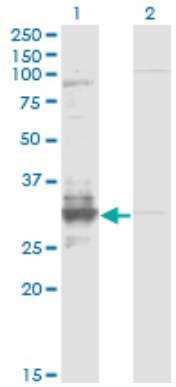
Additional Information

Gene ID	7980
Other Names	Tissue factor pathway inhibitor 2, TFPI-2, Placental protein 5, PP5, TFPI2
Target/Specificity	TFPI2 (AAH05330, 1 a.a. ~ 235 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	TFPI2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

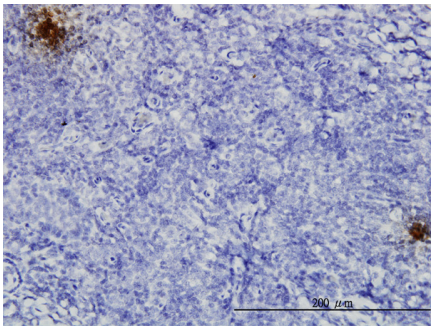
Tissue factor pathway inhibitor-2 is induced by fluid shear stress in vascular smooth muscle cells and affects cell proliferation and survival. Ekstrand J, et al. J Vasc Surg, 2010 Jul. PMID 20537494.Methylation of TFPI2 gene is frequently detected in advanced well-differentiated colorectal cancer. Hibi K, et al. Anticancer Res, 2010 Apr. PMID 20530429.A novel role for tissue factor pathway inhibitor-2 in the therapy of human esophageal carcinoma. Ran Y, et al. Hum Gene Ther, 2009 Jan. PMID 20377370.Epigenetic inactivation of the placentally imprinted tumor suppressor gene TFPI2 in prostate carcinoma. Ribarska T, et al. Cancer Genomics Proteomics, 2010 Mar-Apr. PMID 20335518.Tissue factor pathway inhibitor 2 (TFPI2) is frequently silenced by aberrant promoter hypermethylation in gastric cancer. Takada H, et al. Cancer Genet Cytogenet, 2010 Feb. PMID 20113832.

Images

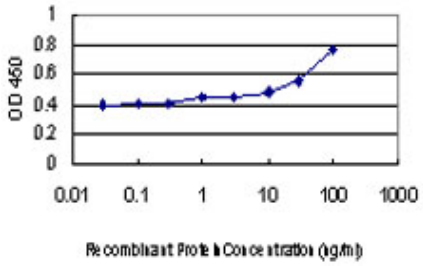


Western Blot analysis of TFPI2 expression in transfected 293T cell line by TFPI2 monoclonal antibody (M01), clone 3E8.

Lane 1: TFPI2 transfected lysate(26.9 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to TFPI2 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 1 ug/ml]



Detection limit for recombinant GST tagged TFPI2 is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.