

TFPI2 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant TFPI2.****Catalog # AT4225a****Specification**

TFPI2 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	P48307
Other Accession	BC005330
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	26934

TFPI2 Antibody (monoclonal) (M01) - 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.

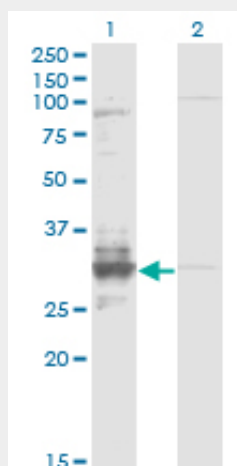
TFPI2 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

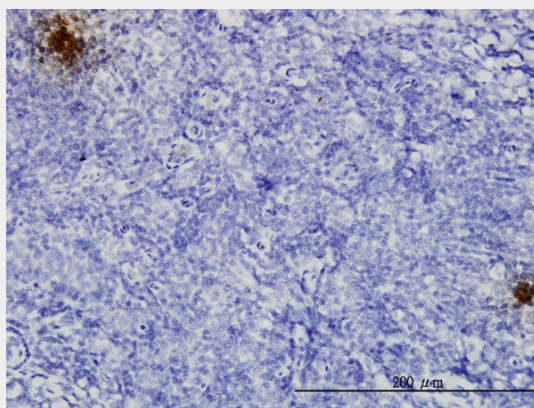
TFPI2 Antibody (monoclonal) (M01) - Images



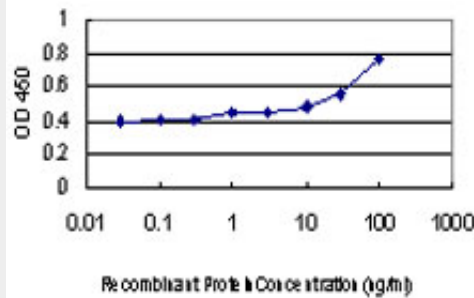
Western Blot analysis of TFPI2 expression in transfected 293T cell line by TFPI2 monoclonal antibody (M01), clone 3E8.

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.

TFPI2 Antibody (monoclonal) (M01) - 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.