Anti-Human TFPI-2 (#9F6)

20190325DS

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**101-M644**
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with the recombinant human TFPI-2.

Target Background

Synonyms (Target):	TFPI2; PP5; REF1; TFPI-2

Human TFPI is a physiological inhibitor of the extrinsic pathway of coagulation and functions in anticoagulation and anti-inflammation. It is a secreted protein with an N-terminal acidic region, three Kunitz (K) domains separated by two linker regions, and a C-terminal basic region. The first K domain inhibits coagulation factor VIIa complexed to tissue factor (TF). The second K domain inhibits factor Xa. The third K domain binds to heparin. The C-terminal basic region may have several functions. Human TFPI-2 is structurally similar to TFPI and is downregulated in several cancers.

Database References Target

Protein RefSeq:	NP_006519.1
Uniprot ID:	P483078
mRNA RefSeq:	NM_006528.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#9F6)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	recombinant human TFPI-2
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at <-20°C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human TFPI-2.

AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!