

RM18037

Leader in Biomolecular Solutions for Life Science



Rabbit anti-Human Tissue Factor mAb(CAP)

Catalog No.: RM18037

Basic Information

Catagory

Matched Antibody Pair

Applications

ELISA,Multiplex

Product Information

Ig Type

Rabbit IgG

Purification

Affinity purification

Endotoxin Level

Storage

Store at -20°C.

Avoid repeated freeze-thaw cycles.

Formulation

Supplied as a 0.2µm filtered solution in PBS with 0.05% Proclin300,PH 7.4.

Contact



www.abclonal.com

Background

This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis. Unlike the other cofactors of these protease cascades, which circulate as nonfunctional precursors, this factor is a potent initiator that is fully functional when expressed on cell surfaces, for example, on monocytes. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. Platelets and monocytes have been shown to express this coagulation factor under procoagulatory and proinflammatory stimuli, and a major role in HIV-associated coagulopathy has been described. Platelet-dependent monocyte expression of coagulation factor III has been described to be associated with Coronavirus Disease 2019 (COVID-19) severity and mortality. This protein is the only one in the coagulation pathway for which a congenital deficiency has not been described. Alternate splicing results in multiple transcript variants.

Immunogen Information

Immunogen

Recombinant Human TF

Cross-Reactivity

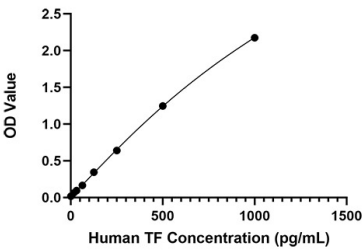
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Assay Applications

Human Tissue Factor Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	1-4ug/mL	Rabbit anti-Human Tissue Factor mAb(Cat. No.RM18037)
	Detection	0.2-0.005ug/mL	Rabbit anti-Human Tissue Factor mAb(Cat. No.RM18038)
	Standard	15.63-1000pg/mL	Recombinant Human Tissue Factor Protein(Cat. No.RP00112)
Multiplex	Capture	3-20ug/mL	Rabbit anti-Human Tissue Factor mAb(Cat. No.RM18037)
	Detection	0.017-2ug/mL	Rabbit anti-Human Tissue Factor mAb(Cat. No.RMK0412)
	Standard	6.86-5000pg/mL	Recombinant Human Tissue Factor Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.