Recombinant Tissue Factor Monoclonal Antibody

catalog number: **E-AB-81613**

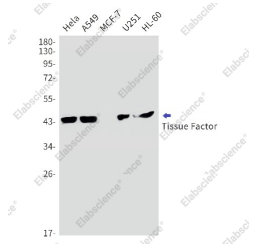
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human Tissue Factor
Host	Rabbit
Isotype	Rabbit IgG
Clone	C123399
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:1000-1:2000
IHC	1:50-1:100

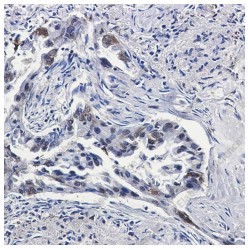
Data



Western blot detection of Tissue Factor in Hela,A549,MCF-7,U251,HL-60 cell lysates using Tissue Factor Rabbit mAb(1:1000 diluted).Predicted band size:33kDa.Observed band size:45kDa.

Observed-MW:45 kDa

Calculated-MW:33 kDa



Immunohistochemistry of Tissue Factor in paraffin-embedded Human lung cancer tissue using Tissue Factor Rabbit mAb at dilution 1:50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. 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.

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