

Anti-Tissue Factor Polyclonal Antibody

Product Details

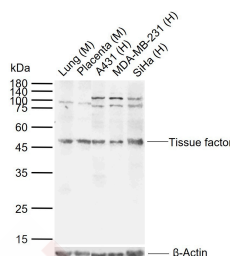
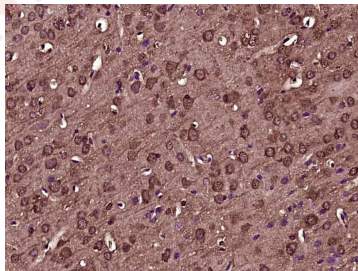
Ig Type: IgG
Reactivity: Human, Mouse, Rat (predicted: Dog, Pig, Cow, Horse, Rabbit, Guinea Pig)
Molecular Weight: Theoretical: 29 kDa. Actual: 50 kDa.
Purification: Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Tissue factor) Polyclonal Antibody, Unconjugated (TMAB-01847) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

2. Sample:

Verified Activity:
Lane 1: Mouse Lung tissue lysates
Lane 2: Mouse Placenta tissue lysates
Lane 3: Human A431 cell lysates
Lane 4: Human MDA-MB-231 cell lysates
Lane 5: Human SiHa cell lysates
Primary: Anti-Tissue factor (TMAB-01847) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 29 kDa
Observed band size: 50 kDa



Application: IF, IHC-Fr, IHC-P, WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Tissue factor

Antigen Species: Human

Gene ID: 2152

Uniprot ID: P13726

Biology Area: Angiogenic Factors,Common,Extrinsic,CD markers ELISA kits

Research 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.[provided by RefSeq, May 2010]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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