

### [ Primary Antibody ]



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## — DATASHEET

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Recombinant

**CloneNo.:** 6A4

**GeneID:** 2152

**SWISS:** P13726

**Target:** Tissue factor

**Immunogen:** KLH conjugated synthetic peptide derived from human Tissue factor: 1-100/295.

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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]

**Applications: WB (1:500-2000)**

**IHC-P** (1:100-500)

**IHC-F (1:100-500)**

**IF (1:100-500)**

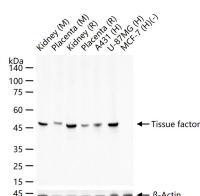
**ICC/IF (1:50-200)**

**Reactivity:** Human, Mouse, Rat

**Predicted**  
**MW.:** 35 kDa

**Subcellular Location:** Cell membrane

— VALIDATION IMAGES



25 µg total protein per lane of various lysates (see on figure) probed with Tissue factor monoclonal antibody, unconjugated (bsm-52647R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

## — SELECTED CITATIONS

- **[IF=9.9]** Lei Yao. et al. Ginsenoside Rh4 alleviates idiopathic pulmonary fibrosis by enhancing the CXCL9–CXCR3 axis. Food Frontiers. 2024 Mar;: WB ;Mouse. 10.1002/fft2.388
- **[IF=5.118]** Masahiro Terasawa. et al. Anti-Inflammatory Activity of Orally Administered Monostroma nitidum Rhamnan Sulfate against Lipopolysaccharide-Induced Damage to Mouse Organs and Vascular Endothelium. Mar Drugs. 2022 Feb;20(2):121 WB ;Mouse. 10.3390/md20020121

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.