

Anti-Thrombomodulin Rabbit mAb

Purified Rabbit Monoclonal Antibody

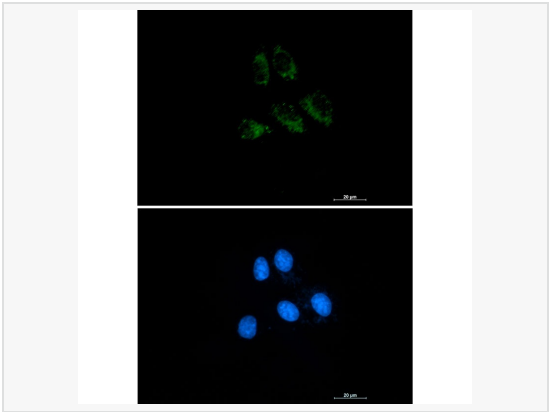
Catalog # R010841

Product Information

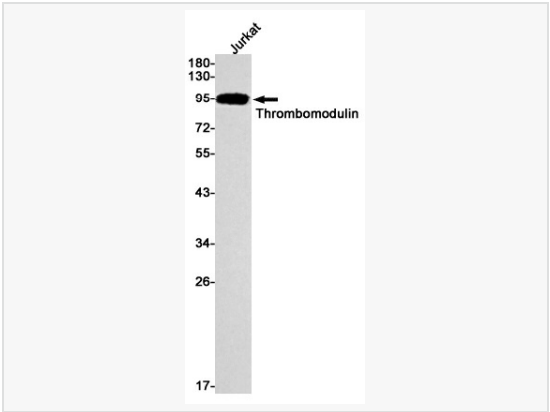
Application	IP, ELISA, WB, ICC/IF (Cell)
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	40L19L87
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human Thrombomodulin
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Thrombomodulin antibody [40L19L87] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CD141, Fetomodulin, THBD, THRM, thrombomodulin, TM.
Calculated MW	Calculated MW: 60 kDa; Observed MW: 95 kDa
Uniprot ID	P07204
Gene ID	7056
Background	Thrombomodulin (TM), also called CD141, is a type I membrane receptor that is specific to endothelial cells. TM has a cysteine-rich extracellular domain with six EGF-like regions. It forms a complex with Thrombin, which activates Protein C to generate activated Protein C (APC), an anticoagulant enzyme. APC together with Protein S inhibits coagulation by inactivating Factors Va and VIIIa. Deletion of the TM gene results in embryonic lethality in mice.



Immunocytochemistry analysis of Thrombomodulin (green) in A549 using Thrombomodulin antibody and DAPI (blue) .



Western blot analysis of Thrombomodulin in Jurkat lysates using Thrombomodulin antibody.