

Product Name: Thrombomodulin Rabbit Monoclonal Antibody
Catalog #: AMRe01431



Summary

Production Name	Thrombomodulin Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF, IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	THBD
Alternative Names	CD141; Fetomodulin; THBD; THRM; thrombomodulin; TM
Gene ID	7056
SwissProt ID	P07204.

Application

Dilution Ratio	WB: 1:500-1:1000 IF: 1:50-1:200 IP: 1:20
Molecular Weight	Calculated MW: 60 kDa; Observed MW: 95 kDa

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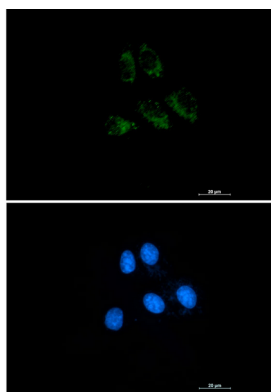
Background

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.

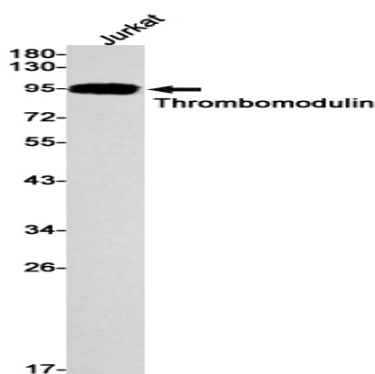
Research Area

Cardiovascular

Image Data



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



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

Note

For research use only.