

THROMBOMODULIN RABBIT MAB

Cat.#: N261571

Product Name: Anti-Thrombomodulin Rabbit Monoclonal Antibody

Synonyms: CD141; Fetomodulin; THBD; THRM; thrombomodulin; TM

UNIPROT ID: P07204

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.

Immunogen: A synthetic peptide of human Thrombomodulin

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R08-4C6

MW: Calculated MW: 60 kDa; Observed MW: 95 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

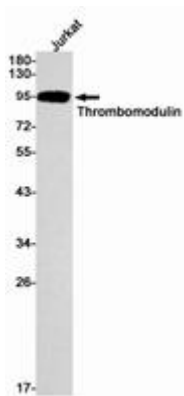
Conjugation: Unconjugated

Modification: Unmodified

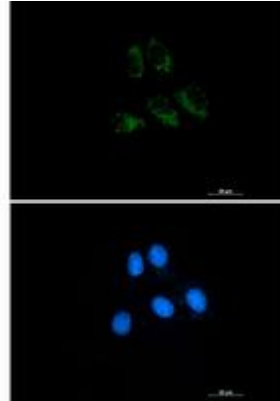
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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