

## 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

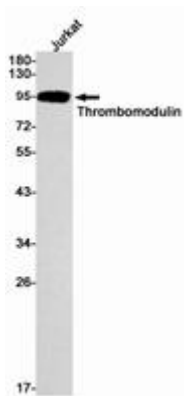
**Conjugation:** Unconjugated

**Modification:** Unmodified

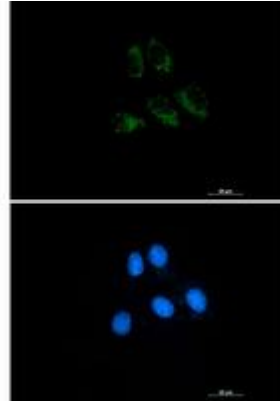
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**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).