

Product Datasheet

Thrombomodulin Antibody



Catalog No: CY5279

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP

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Information

UniProt ID: P07204

All Names: CD141; Fetomodulin; THBD; THRM; thrombomodulin; TM;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: Synthesized peptide

Molecular Wt.: 60kDa

Application

WB: 1:500~1:2000

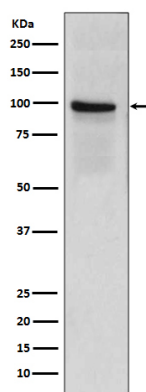
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

IP: 1:50

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.



Western blot analysis of extracts from human placenta, using Thrombomodulin antibody.

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