

Thrombomodulin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251178

Unit: 0.1 mg

Description:

Thrombomodulin is a specific endothelial cell receptor that forms a 1:1 stoichiometric complex with thrombin. This complex is responsible for the conversion of protein C to the activated protein C (protein Ca). Once evolved, protein Ca scissions the activated cofactors of the coagulation mechanism, factor Va and factor VIIIa, and thereby reduces the amount of thrombin generated. Defects in thrombomodulin are the cause of thrombophilia due to thrombomodulin defect (THR-THBDD). THR-THBDD is a hemostatic disorder characterized by a tendency to thrombosis.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, D, H, M, R

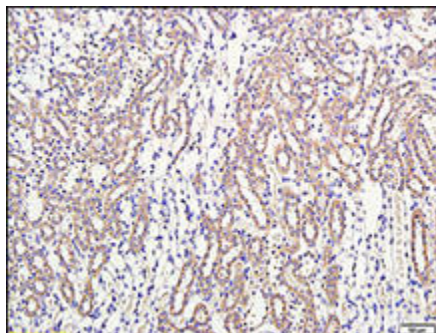
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.1 mg/ml BSA, 25% glycerol with 0.09% sodium azide. Antibody was purified by Protein-A and immunogen affinity chromatography.

Alternate Names: TM; Thrombomodulin; Fetomodulin; CD141; THBD

Accession No.: P07204

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of mouse thrombomodulin.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



Thrombomodulin staining in rat kidney. Formalin-fixed paraffin-embedded rat kidney is stained with Thrombomodulin Antibody (Cat. No. 251178) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.