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Thrombomodulin Rabbit mAb

Catalog # AP74839

Specification

Thrombomodulin Rabbit mAb - Product Information

Application	**WB, IF**
Primary Accession	P07204
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Monoclonal Antibody**
Calculated MW	**60329**

Thrombomodulin Rabbit mAb - Additional Information

Gene ID 7056

Other Names
THBD

Dilution
WB~~1/500-1/1000
IF~~1/50-1/200

Format
Liquid

Thrombomodulin Rabbit mAb - Protein Information

Name THBD

Synonyms THRM

Function
Endothelial cell receptor that plays a critical role in regulating several physiological processes including hemostasis, coagulation, fibrinolysis, inflammation, and angiogenesis (PubMed:10761923). Acts as a cofactor for thrombin activation of protein C/PROC on the surface of vascular endothelial cells leading to initiation of the activated protein C anticoagulant pathway (PubMed:29323190, PubMed:33836597, PubMed:9395524). Also accelerates the activation of the plasma carboxypeptidase B2/CPB2, which catalyzes removal of C-terminal basic amino acids from its substrates including kinins or anaphylatoxins leading to fibrinolysis inhibition (PubMed:26663133). Plays critical protective roles in changing the cleavage specificity of protease-activated receptor 1/PAR1, inhibiting endothelial cell permeability and inflammation (By similarity). Suppresses inflammation distinctly from its anticoagulant cofactor activity by sequestering HMGB1 thereby preventing it from engaging cellular receptors such as

RAGE and contributing to the inflammatory response (PubMed:15841214).

Cellular Location
Membrane; Single-pass type I membrane protein.

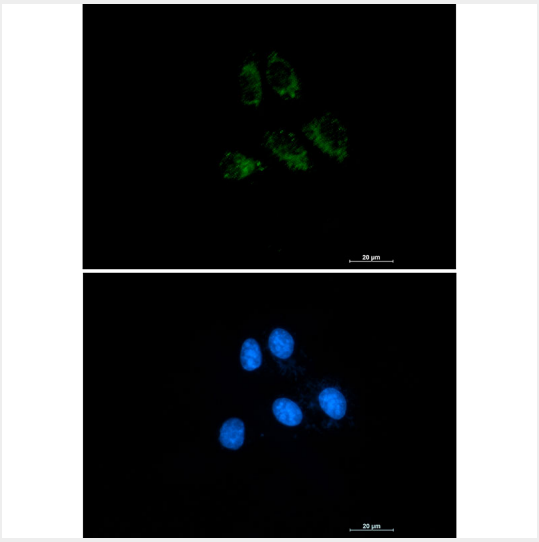
Tissue Location
Endothelial cells are unique in synthesizing thrombomodulin

Thrombomodulin Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Thrombomodulin Rabbit mAb - Images



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