

## Thrombomodulin Rabbit mAb

Catalog No: #49869

Package Size: #49869-1 50ul #49869-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

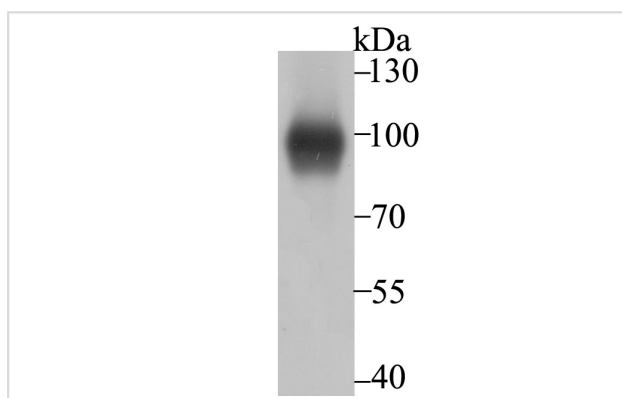
## Description

|                       |  |
|-----------------------|--|
| Product Name          | Thrombomodulin Rabbit mAb  |
| Host Species          | Recombinant Rabbit   |
| Clonality             | Monoclonal antibody  |
| Clone No.             | JB48-23  |
| Purification          | ProA affinity purified   |
| Applications          | WB,IHC,IP  |
| Species Reactivity    | Hu   |
| Immunogen Description | Recombinant protein  |
| Other Names           | AHUS 6 antibody AHUS6 antibody BDCA 3 antibody BDCA3 antibody CD 141 antibody CD141 antibody CD141 antigen antibody Fetomodulin antibody Thbd antibody THPH12 antibody THRM antibody Thrombomodulin antibody TM antibody TRBM_HUMAN antibody |
| Accession No.         | Swiss-Prot#:P07204   |
| Uniprot               | P07204   |
| GeneID                | 7056;  |
| Calculated MW         | 100 kDa  |
| Formulation           | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.   |
| Storage               | Store at -20°C   |

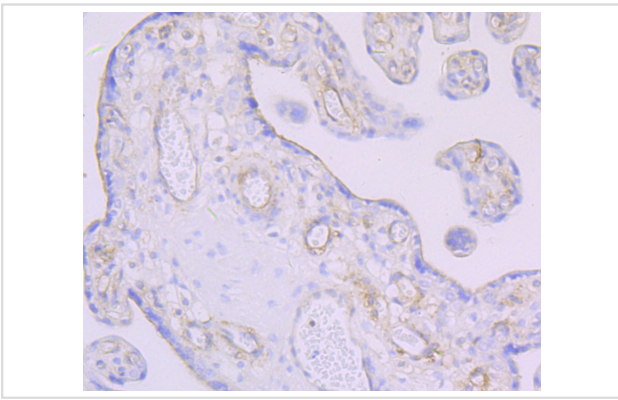
## Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200IP: 1:10-1:50

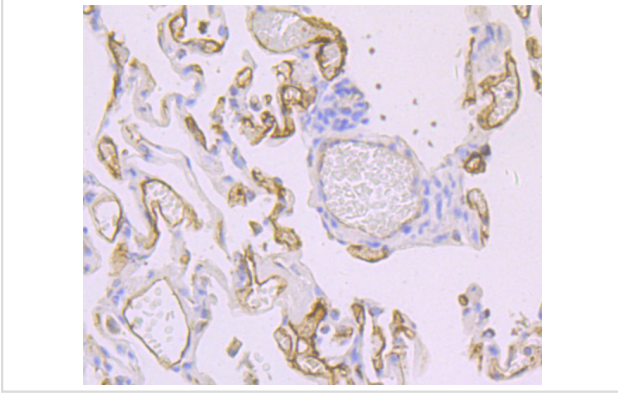
## Images



Western blot analysis of Thrombomodulin on A431 cell using anti-Thrombomodulin antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-Thrombomodulin antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-Thrombomodulin antibody. Counter stained with hematoxylin.

## 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.

## References

Note: This product is for in vitro research use only