

CD141 Antibody

Catalog No: #48281

Package Size: #48281-1 50ul #48281-2 100ul

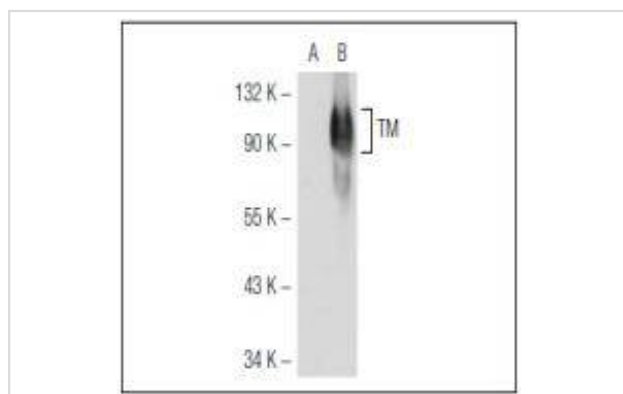
Description

Product Name	CD141 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	2G1
Purification	ProA affinity purified
Applications	WB, IP, IHC, FCM
Species Reactivity	Hu, Ms, Rt
Immunogen Description	peptide
Conjugates	Unconjugated
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
Calculated MW	105kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1000 IHC: 1:50-500 IP: 1-2 µg per 100-500 µg of total protein (1 ml of cell lysate) FC: 1 µg per 1 x 10⁶ cells

Images



Western blot analysis of TM expression in non-transfected (A) and human TM transfected (B) 293T whole cell lysates.

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 and is not intended for use in humans or animals.