

Anti-Thrombomodulin Antibody (9K199)

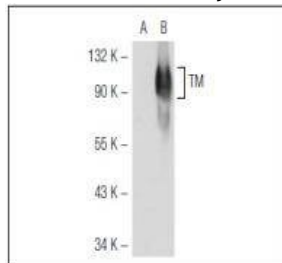
Product Details

Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 105 kDa.
Clone:	9K199
Purification:	ProA affinity purified

Applications

Verified Activity:

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



Application: FCM,IHC,IP,WB

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

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Peptide
Uniprot ID:	P07204
Synonyms:	BDCA3;THRM;thrombomodulin;CD141;THPH12;TM;AHUS6

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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