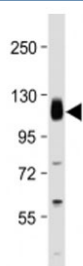


Thrombomodulin Antibody (C-Terminal Region) (F54086)

Catalog No.	Formulation	Size
F54086-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54086-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P07204
Applications	Western Blot : 1:2000
Limitations	This Thrombomodulin antibody is available for research use only.



Western blot testing of Thrombomodulin antibody at 1:2000 + human THP1 cell lysate. Expected molecular weight ~60/100 kDa (unmodified/glycosylated).

Description

Thrombomodulin/THBD/TM/CD141 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. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the Thrombomodulin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 537-571 from human THBD was used as the immunogen for the Thrombomodulin antibody.

Storage

Aliquot the Thrombomodulin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.