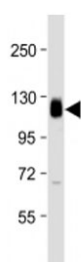


## Thrombomodulin Antibody (N-Terminal Region) (F54085)

| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F54085-0.2ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.2 ml  |
| F54085-0.05ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.05 ml |

**Bulk quote request**

|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                |
| <b>Species Reactivity</b> | Human                                                            |
| <b>Format</b>             | Antigen affinity purified                                        |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                       |
| <b>Isotype</b>            | Rabbit Ig                                                        |
| <b>Purity</b>             | Antigen affinity                                                 |
| <b>UniProt</b>            | P07204                                                           |
| <b>Applications</b>       | Western Blot : 1:2000                                            |
| <b>Limitations</b>        | 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 92-126 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.