

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Thrombomodulin Peptide

Cat No.: BS5650P

#### 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.

#### Swiss-Prot

P07204

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5650 Thrombomodulin pAb.

#### Purification & Purity

Synthetic peptide Thrombomodulin. (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.