

## CD141 (PN0624) Nb-FC recombinant antibody

CatalogNo: YA0168 **Recombinant** 

### Key Features

#### Reactivity

- Human

#### Applications

- ELISA,FC

### Recommended Dilution Ratios

**ELISA 1:5000-100000****Flow Cyt 1-2µg/Test**

### Storage

**Storage\*** -15°C to -25°C/1 year(Avoid freeze / thaw cycles)**Formulation** Phosphate-buffered solution

### Basic Information

**Source** Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell**Purification** Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell**Clone Number** PN0624

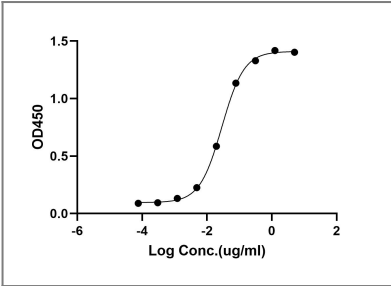
### Immunogen Information

**Immunogen** Purified recombinant Human CD141**Specificity** This recombinant monoclonal antibody can detects endogenous levels of CD141 protein.

## Target Information

Gene name	THBD THRM		
Protein Name	Thrombomodulin (TM) (Fetomodulin) (CD antigen CD141)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">7056</a> ;	<a href="#">P07204</a> ;
Cellular Localization	Membrane; Single-pass type I membrane protein.		
Tissue specificity	Endothelial cells are unique in synthesizing thrombomodulin.		
Function	Disease:Defects in THBD are the cause of thrombophilia due to thrombomodulin defect (THR-THBDD) [MIM:188040]. THR-THBDD is a hemostatic disorder characterized by a tendency to thrombosis.,Thrombomodulin 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.,online information:Thrombomodulin,online information:Thrombomodulin entry,PTM:N-glycosylated.,PTM:The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.,similarity:Contains 1 C-type lectin domain.,similarity:Contains 6 EGF-like domains.,tissue specificity:Endothelial cells are unique in synthesizing thrombomodulin.,		

## Validation Data



## Contact information

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**CD141 (PN0624) Nb-FC recombinant antibody**

