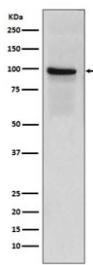


## CD141 Antibody / Thrombomodulin [clone COO-20] (RQ5173)

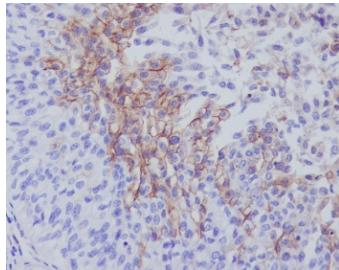
Catalog No.	Formulation	Size
RQ5173	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

**Bulk quote request**

<b>Availability</b>	1-2 weeks
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	COO-20
<b>Purity</b>	Affinity purified
<b>UniProt</b>	P07204
<b>Localization</b>	Cell membrane, cytoplasmic
<b>Applications</b>	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200
<b>Limitations</b>	This CD141 antibody is available for research use only.



Western blot testing of human placenta lysate with CD141 antibody. Expected molecular weight: 60-100 kDa depending on glycosylation.



IHC staining of FFPE human bladder tissue with CD141 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

## Description

The protein encoded by the intronless THBD gene is an endothelial-specific type I membrane receptor that binds thrombin. This binding results in the activation of protein C, which degrades clotting factors Va and VIIIa and reduces the amount of thrombin generated. Mutations in this gene are a cause of thromboembolic disease, also known as inherited thrombophilia. [RefSeq]

## Application Notes

Optimal dilution of the CD141 antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human Thrombomodulin / CD141 was used as the immunogen for the CD141 antibody.

## Storage

Store the CD141 antibody at -20oC.