

## CD141/Thrombomodulin Polyclonal Antibody

**catalog number: E-AB-92576**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

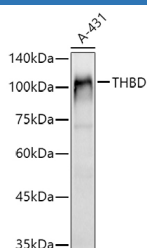
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant fusion protein of human CD141/Thrombomodulin
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:200-1:2000
<b>IHC</b>	1:50-1:200
<b>IF</b>	1:50-1:200

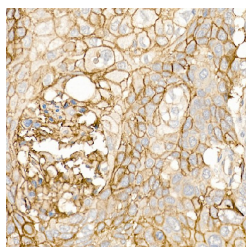
### Data



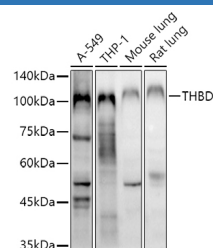
Western blot analysis of extracts of A-431 cells using CD141/Thrombomodulin Polyclonal Antibody at 1:1000 dilution.

**Observed-MW:110 kDa**

**Calculated-MW:60 kDa**



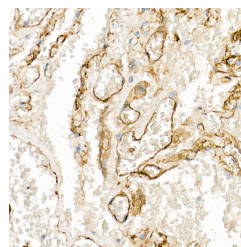
Immunohistochemistry of paraffin-embedded human lung squamous carcinoma tissue using CD141/Thrombomodulin Polyclonal Antibody at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western blot analysis of extracts of various cell lines using CD141/Thrombomodulin Polyclonal Antibody at 1:1000 dilution.

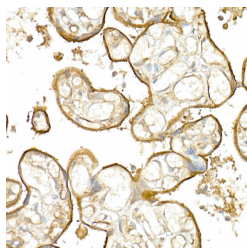
**Observed-MW:110 kDa**

**Calculated-MW:60 kDa**

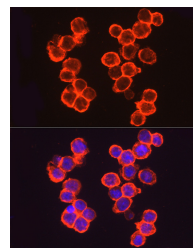


Immunohistochemistry of paraffin-embedded human lung tissue using CD141/Thrombomodulin Polyclonal Antibody at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

### For Research Use Only



Immunohistochemistry of paraffin-embedded human placenta using CD141/Thrombomodulin Polyclonal Antibody at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of A-431 cells using CD141/Thrombomodulin Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

## Preparation & Storage

### Storage

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

### Shipping

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

The protein encoded by this intronless 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.

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