

CD141/Thrombomodulin Polyclonal Antibody

catalog number: E-AB-92576

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

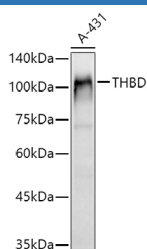
Description

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

Applications Recommended Dilution

WB	1:200-1:2000
IHC	1:50-1:200
IF	1:50-1:200

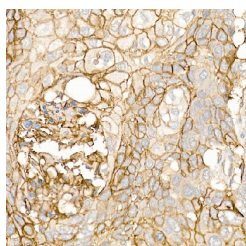
Data



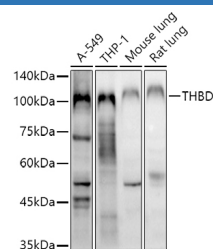
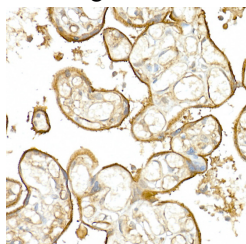
Western blot analysis of extracts of A-431 cells using CD141/Thrombomodulin Polyclonal Antibody at 1:1000 dilution.

Observed-MV:110 kDa

Calculated-MV:60 kDa



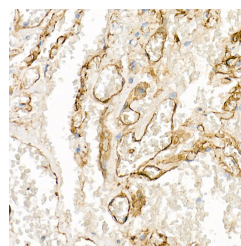
Immunohistochemistry of paraffin-embedded human lung squamous carcinoma tissue using CD141/Thrombomodulin Polyclonal Antibody at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



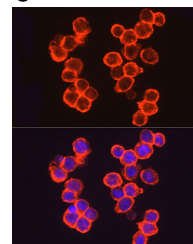
Western blot analysis of extracts of various cell lines using CD141/Thrombomodulin Polyclonal Antibody at 1:1000 dilution.

Observed-MV:110 kDa

Calculated-MV:60 kDa



Immunohistochemistry of paraffin-embedded human lung 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.



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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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