
Product Name: CD141 Mouse Monoclonal Antibody**Catalog #: AMM22104**

For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

Application

Dilution Ratio	IHC 1:50-200;ELISA 1:500-5000
Molecular Weight	Calculated MW:62kDa,Observed MW:100kDa

Antigen Information

Gene Name	THBD THRM
Alternative Names	Thrombomodulin;TM;Fetomodulin;CD antigen CD141;
Gene ID	Human:7056
SwissProt ID	Human:P07204
Immunogen	Synthesized peptide derived from human CD141 AA range: 50-150

Background

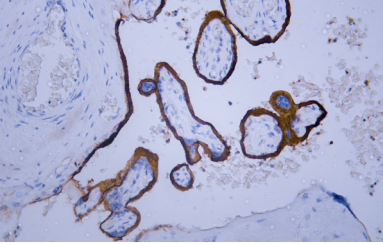
The protein encoded by this intronless gene is an endothelial-specific type I membrane receptor that binds thrombin. This binding results in the activation of protein C, which degrades clotting factors Va and VIIIa and reduces the amount of thrombin generated. Mutations in this gene are a cause of thromboembolic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

RefSeq, Jul 2008],

Research Area

Pathology

Image Data



Human placenta tissue was stained with anti-CD141 antibody.