

Product Name: Thrombomodulin Rabbit Monoclonal Antibody
Catalog #: AMRe02687



Summary

Production Name	Thrombomodulin Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	Thbd
Alternative Names	CD141; Fetomodulin; THBD; THRM; thrombomodulin; TM
Gene ID	21824.0
SwissProt ID	P15306

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 62 kDa; Observed MW: 95 kDa

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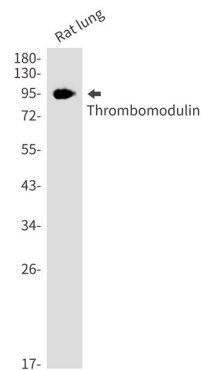
Background

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.

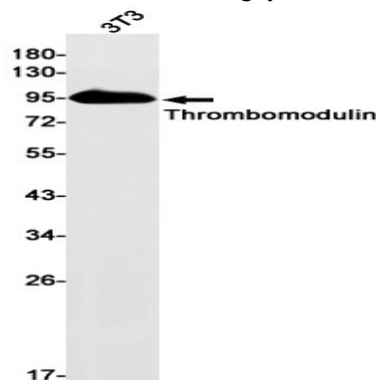
Research Area

Cardiovascular

Image Data



Western blot analysis of Thrombomodulin in rat lung lysates using Thrombomodulin antibody.



Western blot analysis of Thrombomodulin in 3T3 lysates using Thrombomodulin antibody.

Note

For research use only.