

Datasheet for ABIN5674993

**anti-Thrombomodulin antibody (AA 21-120)**[Go to Product page](#)**1** Image**2** Publications

## Overview

Quantity:	100 µL
Target:	Thrombomodulin (THBD)
Binding Specificity:	AA 21-120
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thrombomodulin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Thrombomodulin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Dog,Cow,Sheep
Purification:	Purified by Protein A.

## Target Details

Target:	Thrombomodulin (THBD)
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## Target Details

Alternative Name:	Thrombomodulin ( <a href="#">THBD Products</a> )
Background:	<p>Synonyms: Thrombomodulin, CD 141, CD141, CD141 antigen, Fetomodulin, THBD, THRM, TM, AHUS 6, AHUS6, BDCA 3, BDCA3, THPH12, TRBM_HUMAN</p> <p>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.</p>
Gene ID:	7056
UniProt:	<a href="#">P07204</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

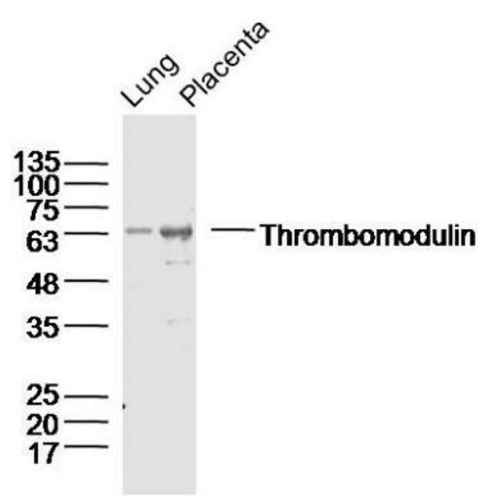
Handling

Expiry Date: 12 months

Publications

Product cited in: Zhao, Ding, Liu, Yin, Zhang, Ma: "Unfractionated heparin protects the protein C system against lipopolysaccharide-induced damage in vivo and in vitro." in: **Experimental and therapeutic medicine**, Vol. 14, Issue 6, pp. 5515-5522, (2017) ([PubMed](#)).

Images



Western Blotting

**Image 1.** Lane 1: Lung lysates Lane 2: Placenta lysates probed with Thrombomodulin Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.