

Rabbit anti-Rat Thrombomodulin Polyclonal Antibody | anti-THBD antibody

Anti-Thrombomodulin Antibody, Rabbit Polyclonal

CATALOG # AAA257321	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Immunohistochemistry, ELISA
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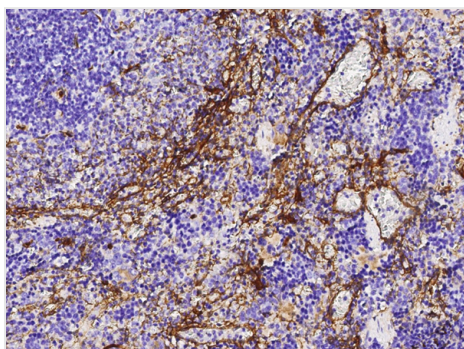
PRODUCT SYNONYMS

Thrombomodulin; Polyclonal Antibody; Anti-Thrombomodulin Antibody; Rabbit Polyclonal; Thrombomodulin/THBD Antibody; Rabbit PAb; Antigen Affinity Purified; thrombomodulin; anti-THBD antibody

PRODUCT SPECIFICATIONS

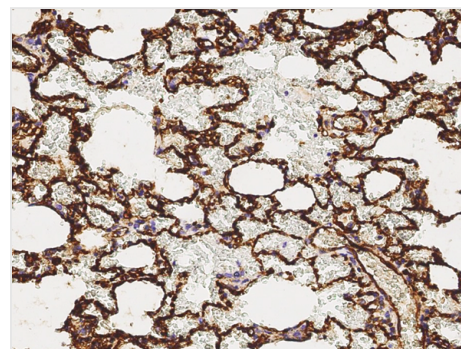
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rat Thrombomodulin/THBD
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-THBD antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Rat Thrombomodulin/THBD protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Rat Thrombomodulin/THBD. Thrombomodulin/THBD specific IgG was purified by Rat Thrombomodulin/THBD affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of rat THBD in rat spleen with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of rat THBD in rat lung with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-THBD antibody	Thrombomodulin, also known as THBD (CD141), is an integral membrane protein that reduces blood coagulation by converting thrombin to an anticoagulant enzyme from a procoagulant enzyme. Thrombomodulin is expressed on the surface of endothelial cells and serves as a cofactor for thrombin. It is also expressed on human mesothelial cell, monocyte and a dendritic cell subset. Thrombomodulin functions as a cofactor in the thrombin-induced activation of protein C in the anticoagulant pathway by forming a 1:1 stoichiometric complex with thrombin. Thrombomodulin also regulates C3b inactivation by factor I. Mutations in the thrombomodulin gene have also been reported to be associated with atypical hemolytic-uremic syndrome.
References	Dzionic A, et al. (2002) Plasmacytoid dendritic cells: from specific surface markers to specific cellular functions. Hum Immunol. 63(12):1133-48. Dzionic A, et al. (2000) BDCA-2, BDCA-3, and BDCA-4: three markers for distinct subsets of dendritic cells in human peripheral blood. J Immunol. 165(11):6037-46. Wen DZ, et al. (1987) Human thrombomodulin: complete cDNA sequence and chromosome localization of the gene. Biochemistry. 26(14):4350-7.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13929084
NCBI GeneID	83580
NCBI Accession #	NP_113959.1
NCBI GenBank Nucleotide #	NM_031771.2
UniProt Accession #	O35370
Molecular Weight	61,845 Da
NCBI Official Full Name	thrombomodulin
NCBI Official Synonym Full Names	thrombomodulin
NCBI Official Symbol	Thbd
NCBI Protein Information	thrombomodulin
UniProt Protein Name	Protein Thbd
UniProt Gene Name	Thbd

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.