

Datasheet for ABIN4949900

anti-Thrombomodulin antibody (AA 69-194)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	Thrombomodulin (THBD)
Binding Specificity:	AA 69-194
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Thrombomodulin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human recombinant partial protein corresponding to amino acids 69-194 was used as the immunogen for this Thrombomodulin antibody.
Clone:	THBD-1591
Isotype:	IgG2b kappa
Purification:	Protein G affinity chromatography

Target Details

Target:	Thrombomodulin (THBD)
Alternative Name:	Thrombomodulin / CD141 (THBD Products)

Target Details

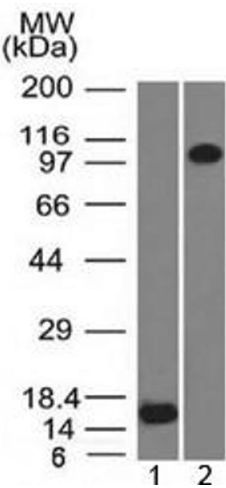
Background:	It recognizes a protein of 75 kDa, identified as Thrombomodulin. Thrombomodulin is a transmembrane glycoprotein with natural anticoagulant properties. It is normally expressed by a restricted number of cells, such as endothelial and mesothelial cells. In addition, synovial lining and syncytio-trophoblasts of placenta also express thrombomodulin. This protein is present in almost all of benign vascular tumors and majority of malignant vascular tumors (Kaposi s sarcoma, angiosarcoma, and epithelioid hemangioendothelioma). Hence, anti-thrombomodulin serves as a sensitive marker for lymphatic endothelial cells and their tumors. Recently, thrombomodulin antibody has been used for mesothelial cells and malignant mesotheliomas.
-------------	--

Application Details

Application Notes:	The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the Thrombomodulin antibody to be titrated up or down for optimal performance.\. FACS: 0.5-1 µg/10 ⁶ cells in 0.1ml,IF: 0.5-1 µg/mL,IHC (FFPE): 1-2 µg/mL for 30 min at RT,ELISA: 2-4 µg/mL, order the BSA-free formulation for coating,WB: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the Thrombomodulin antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



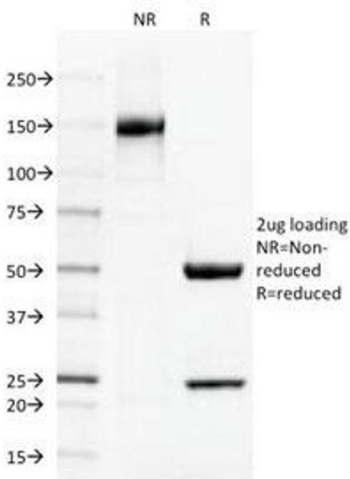
Western Blotting

Image 1. Western blot testing of 1) recombinant partial protein and 2) human ThP1 lysate with Thrombomodulin antibody (clone THBD/1591). Expected molecular weight ~60/100 kDa (unmodified/glycosylated).



Immunohistochemistry

Image 2. IHC testing of FFPE human cervical carcinoma with Thrombomodulin antibody (clone THBD/1591). HIER: boil tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE

Image 3. SDS-PAGE Analysis of Purified, BSA-Free Thrombomodulin Antibody (clone THBD/1591). Confirmation of Integrity and Purity of the Antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN4949900.