

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Thrombomodulin



Numéro de catalogue: 14318-1-AP

9 Publications

Informations de base

Numéro de catalogue:

14318-1-AP

Taille:

150ul, Concentration: 487 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5558

Numéro d'acquisition GenBank:

BC035602

Identification du gène (NCBI):

7056

Nom complet:

thrombomodulin

MW calculé

60 kDa

MW observés:

105 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, rat

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cardiaque humain,

IHC : tissu cardiaque humain,

Informations générales

Thrombomodulin, also known as CD141, is an endothelial cell surface glycoprotein that forms a 1:1 complex with the coagulation factor thrombin and plays an important role as a natural anticoagulant. Thrombomodulin serves to convert thrombin from a procoagulant protein into the activator for protein C. Once converted to activated protein C (APC), this protein serves as a major anticoagulant in blood (PMID: 2827310). Thrombomodulin is also located in other cells (keratinocytes, osteoblasts, macrophages,...) where it might be involved in cell differentiation or in inflammation (PMID: 9814688). In humans, thrombomodulin is encoded by the THBD gene. Mutations in this gene are a cause of thromboembolic disease, also known as inherited thrombophilia. Thrombomodulin is glycosylated and has an apparent molecular weight of 75 to 110 kDa (PMID: 1650405; 2827310).

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|-------------|-----------|---------------------------------|-------------|
| Dandan Wang | 36161694 | Environ Toxicol | WB |
| Lu Zhang | 34829436 | Diagnostics (Basel) | IHC |
| Kang An | 29547930 | Interact Cardiovasc Thorac Surg | IHC |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

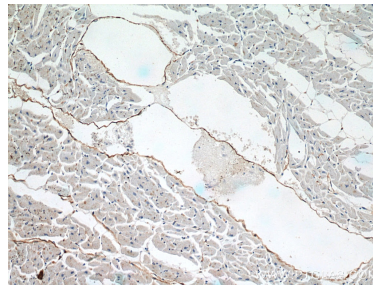
E: proteintech@ptglab.com
W: ptglab.com

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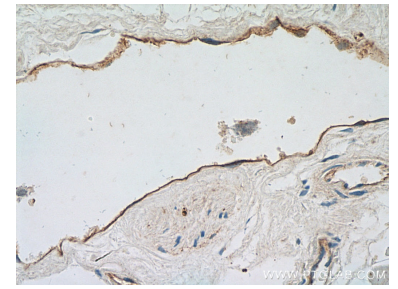
Données de validation sélectionnées



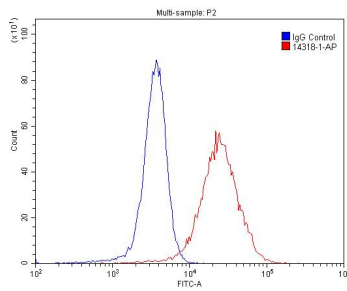
human heart tissue were subjected to SDS PAGE followed by western blot with 14318-1-AP (Thrombomodulin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 14318-1-AP (Thrombomodulin antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 14318-1-AP (Thrombomodulin antibody at dilution of 1:200 (under 40x lens).



1X10⁶ A431 cells were stained with .2ug Thrombomodulin antibody (14318-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.