À des fins de recherche uniquement

Anticorps Monoclonal anti-EMILIN1

Numéro de catalogue:60047-1-Ig 2 Publications

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Antibodies | ELISA kits | Proteins
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Informations de base

Numéro de catalogue:
60047-1-Ig

Taille:
150ul , Concentration: 1300 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG1016

Numéro d'acquisition GenBank:
BC007530

Identification du gène (NCBI):
11117

Nom complet:
elastin microfibril interfacer 1

MW calculé
107 kDa

MW observés:
120-130 kDa

Méthode de purification:
Purification par protéine G

CloneNo.:
2A5C8

Dilutions recommandées:
WB 1:2000-1:10000
IHC 1:1000-1:4000
IF 1:200-1:800

Applications

Applications testées:
IF, IHC, WB, ELISA

Demandes citées:
IF, IHC

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu de côlon humain, tissu rectal humain

IHC : tissu de tumeur ovarienne humain, tissu de cancer du poumon humain, tissu de côlon humain, tissu rénal humain

IF : tissu de tumeur ovarienne humain,

Informations générales

EMILIN1, also named as EMILIN, EMILIN-1, gp115 and EMI, may be responsible for anchoring smooth muscle cells to elastic fibers, and may be involved not only in the formation of the elastic fiber, but also in the processes that regulate vessel assembly. It has cell adhesive capacity. EMILIN1 is a negative regulator of the transforming growth factor-beta (TGF-beta) signaling, which is involved in blood pressure (BP) homeostasis (PMID:20186130). EMILIN1 may play a key role in hypertensive vascular remodeling. TGFβ proteins are the main regulators of blood vessel development and maintenance, and EMILIN1 inhibits TGFβ signaling by binding specifically to the proTGFβ precursor and preventing its maturation by furin convertases in the extracellular space (PMID:19922630).

Publications notables

Autrice	Pubmed ID	Journal	Application
Nakatomi Yuka Y	20701466	Connect Tissue Res	IF
Fachinelli A A	21400085	Hernia	IHC

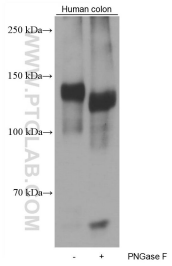
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,1 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

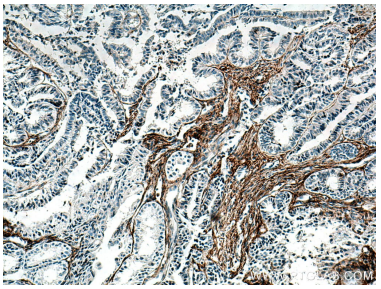
***** Les 20ul contiennent 0,1% de BSA.**

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

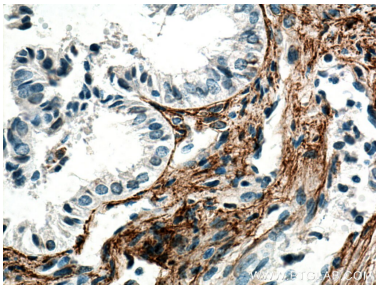
Données de validation sélectionnées



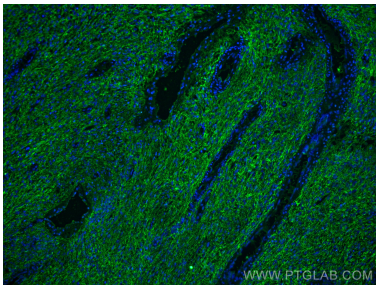
Untreated and PNGase F-treated lysates of human colon tissue were subjected to SDS PAGE followed by western blot with 60047-1-Ig (EMILIN1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



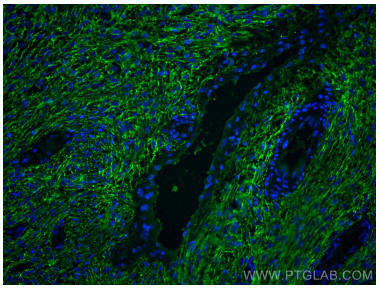
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60047-1-Ig (EMILIN1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60047-1-Ig (EMILIN1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human ovary tumor tissue using EMILIN1 antibody (60047-1-Ig, Clone: 2A5C8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human ovary tumor tissue using EMILIN1 antibody (60047-1-Ig, Clone: 2A5C8) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).