

À des fins de recherche uniquement

Anticorps Monoclonal anti-Villin

Numéro de catalogue: 66096-1-Ig 8 Publications



Informations de base

Numéro de catalogue:

66096-1-Ig

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop and 893 µg/ml by Bradford method using BSA as the standard;

Hôte:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9637

Numéro d'acquisition GenBank:

BC017303

Identification du gène (NCBI):

7429

Nom complet:

villin 1

MW calculé

827aa,93 kDa; 826aa,93 kDa

MW observés:

93-95 kDa

Méthode de purification:

Purification par protéine A

CloneNo.:

2B7B9

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:2000

for WB

IHC 1:50-1:500

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB: Rein humain, tissu

IP: tissu rénal de souris,

IHC: tissu de cancer du côlon humain, tissu d'intestin grêle humain

IF: cellules HepG2,

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.

Informations générales

Villin 1 (VIL1) is a 95-kDa F-actin bundling and severing protein and its expression is restricted to epithelial cells with a brush border, like epithelial cells of the intestinal mucosa, gall bladder, renal proximal tubules and ductuli efferentes of the testis. VIL1 has been reported to be an epithelial cell-specific anti-apoptotic protein, and to have an important function in regulating actin dynamics, cell morphology, epithelial-to-mesenchymal transitions, cell migration and cell survival. In addition, VIL1 is a useful diagnostic marker for of various cancer, like cervical and endometrial adenocarcinomas, renal cell carcinoma. VIL1 was recently identified as a novel biomarker predictive for postoperative recurrence and poorer prognosis of high serum AFP associated HCC.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhang-Mei Peng	25337239	Int J Clin Exp Pathol	IHC
Shanshan Huang	35620578	Oxid Med Cell Longev	IHC
Serika Motoike	33712280	J Pharmacol Sci	IF, 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.

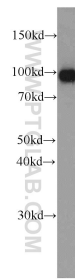
For technical support and original validation data for this product please contact:

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

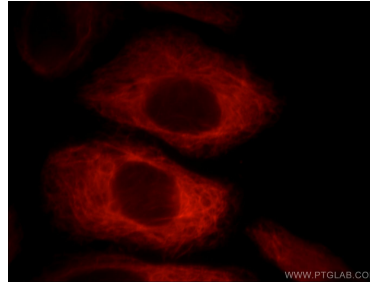
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

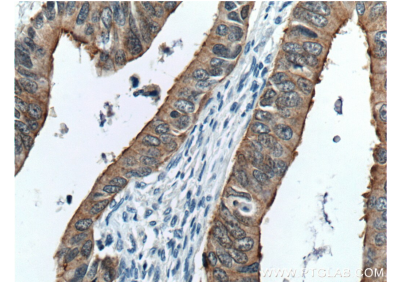
Données de validation sélectionnées



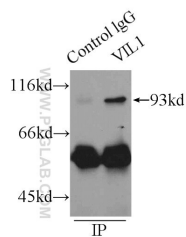
human kidney tissue were subjected to SDS PAGE followed by western blot with 66096-1-Ig (Villin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



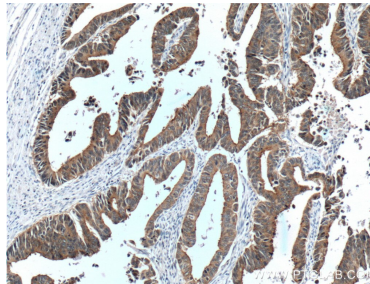
Immunofluorescent analysis of HepG2 cells using 66096-1-Ig (Villin antibody) at dilution of 1:25 and Rhodamine-Goat anti-Mouse IgG.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66096-1-Ig (Villin antibody at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-Villin (IP:66096-1-Ig, 4ug; Detection:66096-1-Ig 1:1000) with mouse kidney tissue lysate 6000ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66096-1-Ig (Villin antibody at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).