À des fins de recherche uniquement

Anticorps Monoclonal anti-Napsin A

Numéro de catalogue:60259-2-Ig 1 Publications

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Informations de base

Numéro de catalogue:
60259-2-Ig

Taille:
150ul , Concentration: 1400 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG9721

Numéro d'acquisition GenBank:
BC017842

Identification du gène (NCBI):
9476

Nom complet:
napsin A aspartic peptidase

MW calculé
420 aa, 45 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
1H7F2

Dilutions recommandées:
IHC 1:10000-1:60000
IF 1:200-1:800

Applications

Applications testées:
FC, IF, IHC, ELISA

Demandes citées:
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:

IHC : tissu de cancer du poumon humain, tissu de carcinome à cellules rénales humain, tissu rénal humain

IF : cellules HUVEC,

Informations générales

Napsin is found in two isoforms, napsin A and B, with highly homologous nucleotide sequences (91.2%). Napsin A appears to be a functional proteinase, predominantly expressed in lung and kidney. Napsin B is transcribed exclusively in cells related to the immune system and lacks an in-frame stop codon and is believed to be a pseudogene.(PMID:12698189). Napsin A is superior to TTF-1 in distinguishing primary lung ACA from other carcinomas (except kidney), particularly primary lung small cell carcinoma, and primary thyroid carcinoma. (PMID:22288963).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yanyun Du	35017553	Nat Commun	IHC

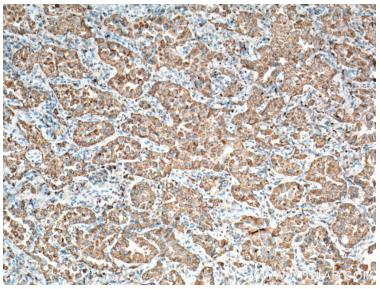
Stockage

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

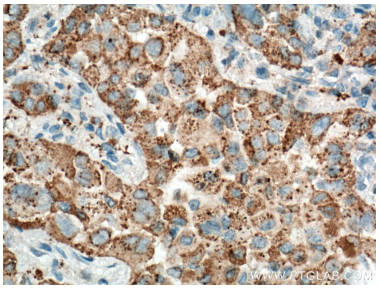
***** Les 20ul contiennent 0,1% de BSA.**

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

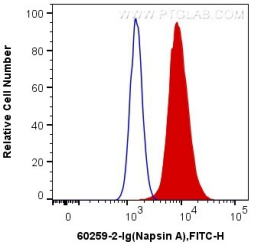
Données de validation sélectionnées



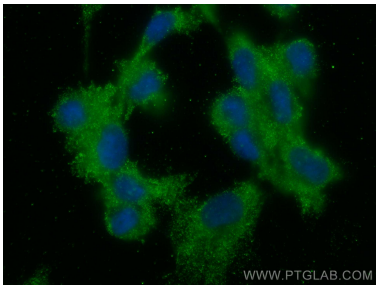
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60259-2-Ig (NAPSA antibody) at dilution of 1:4000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60259-2-Ig (NAPSA antibody) at dilution of 1:4000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10^6 A549 cells were intracellularly stained with 0.2 ug Anti-Human Napsin A (60259-2-Ig, Clone:1H7F2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Methanol) fixed HUVEC cells using Napsin A antibody (60259-2-Ig, Clone: 1H7F2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).