

À des fins de recherche uniquement

Anticorps Monoclonal anti-HPSE

Numéro de catalogue: 66226-1-Ig

Phare

2 Publications



Informations de base

| | | |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------|
| Numéro de catalogue: 66226-1-Ig | Numéro d'acquisition GenBank: BC051321 | Méthode de purification: Purification par protéine G |
| Taille: 150ul, Concentration: 4800 µg/ml by Nanodrop and 2080 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 10855 | CloneNo.: 1D8B8 |
| Hôte: Mouse | Nom complet: heparanase | Dilutions recommandées: WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:50-1:500 |
| Isotype: IgG1 | MW calculé: 543 aa, 61 kDa | |
| Immunogen Catalog Number: AG10067 | MW observés: 50 kDa | |

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

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; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HepG2,

IHC : tissu de cancer du foie humain,

IF : cellules HepG2,

Informations générales

HPSE(Heparanase) is also named as HEP, HPA, HPA1, HPR1, HPSE1, HSE1 and belongs to the glycosyl hydrolase 79 family. It is a endoglycosidase that cleaves heparan sulfate proteoglycans (HSPGs) into heparan sulfate side chains and core proteoglycans. HPSE is essential in the disassembly of the extracellular matrix (ECM) by invading cells. It has 3 isoforms produced by alternative splicing with the molecular weight of 61 kDa, 55 kDa and 53 kDa. The full length protein has six glycosylation sites. The cleavage of the 65 kDa form leads to the generation of a linker peptide, and 8 kDa and 50 kDa products. The active form, the 8/50 kDa heterodimer, is resistant to degradation and glycosylation of the 50 kDa subunit appears to be essential for its solubility.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|-------------|-----------|-------------|-------------|
| Rémi Cousin | 34677445 | Mar Drugs | WB |
| Xue Liu | 31001480 | Front Oncol | WB,IHC,IF |

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.

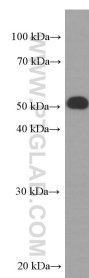
For technical support and original validation data for this product please contact:

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

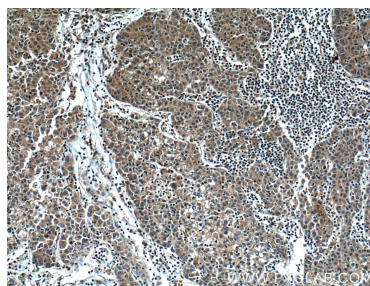
E: proteintech@ptglab.com
W: ptglab.com

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

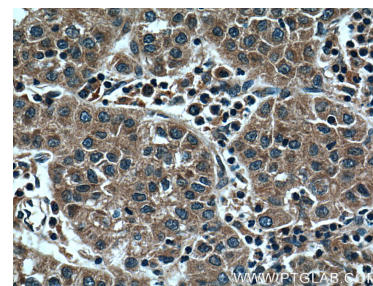
Données de validation sélectionnées



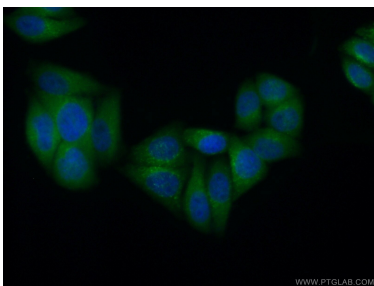
HepG2 cells were subjected to SDS PAGE followed by western blot with 66226-1-Ig (HPSE Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66226-1-Ig (HPSE Antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66226-1-Ig (HPSE Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 66226-1-Ig(HPSE antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).