

À des fins de recherche uniquement

Anticorps Monoclonal anti-Sestrin 2



Numéro de catalogue: 66297-1-Ig

Phare

13 Publications

Informations de base

Numéro de catalogue: 66297-1-Ig	Numéro d'acquisition GenBank: BC013304	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 2800 µg/ml by Nanodrop and 2000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 83667	CloneNo.: 1A1A4
Hôte: Mouse	Nom complet: sestrin 2	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG1	MW calculé: 54 kDa	
Immunogen Catalog Number: AG20638	MW observés: 54 kDa	

Applications

Applications testées: IF, IHC, WB, ELISA	Contrôles positifs: WB : cellules HeLa, HEK-293T IHC : tissu de cancer du côlon humain, IF : cellules HeLa,
Demandes citées: CoIP, IF, IHC, IP, WB	
Spécificité de l'espèce: Humain, porc, rat	
Espèces citées: bovin, Humain, porc, rat, souris	

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.

Informations générales

Sestrins, including sestrin-1 (PA26), sestrin-2 (Hi95), and sestrin-3, are 48 to 65 kDa cystein sulfinyl reductases and they modulate peroxide signaling and antioxidant defense. These proteins selectively reduce or repair hyperoxidized forms of typical 2-Cys peroxiredoxins within eukaryotes. Expression of these proteins is regulated by p53, a tumor suppressor protein. Sestrin 2 is implicated in the regulation of cell survival, in cellular responses to different stress conditions, and also acts as a positive regulator of autophagy. Sestrin 2 is approximately a 57.6kDa protein (480 amino acids).

Publications notables

Autrice	Pubmed ID	Journal	Application
T Shen	27693501	Osteoarthritis Cartilage	WB, IHC
Jinghui Yang	36306010	Neurochem Res	IF
Sumin Lee	34797495	Arch Pharm Res	WB

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.

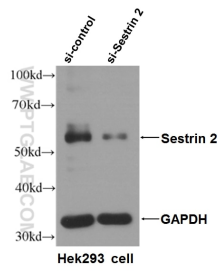
For technical support and original validation data for this product please contact:

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

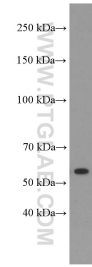
E: proteintech@ptglab.com
W: ptglab.com

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

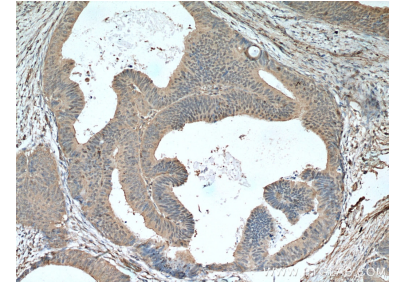
Données de validation sélectionnées



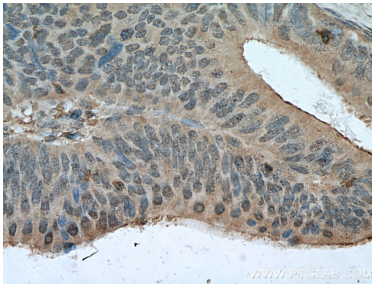
WB result of Sestrin 2 antibody (66297-1-Ig, 1:500) with si-control and si-Sestrin 2 transfected Hek293 cells.



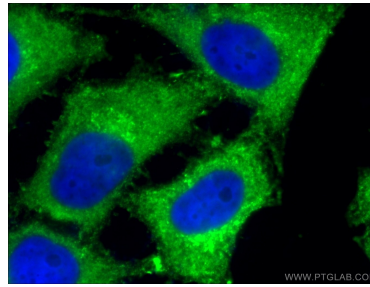
HeLa cells were subjected to SDS PAGE followed by western blot with 66297-1-Ig (Sestrin2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66297-1-Ig (Sestrin2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66297-1-Ig (Sestrin2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 66297-1-Ig(Sestrin2 antibody) at dilution of 1:200 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).