

À des fins de recherche uniquement

Anticorps Monoclonal anti-HSP27

Numéro de catalogue: 66767-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66767-1-Ig	Numéro d'acquisition GenBank: BC012768	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3315	CloneNo.: 3E7A1
Hôte: Mouse	Nom complet: heat shock 27kDa protein 1	Dilutions recommandées: WB 1:20000-1:100000 IHC 1:1000-1:4000
Isotype: IgG1	MW calculé 19-23 kDa	
Immunogen Catalog Number: AG27859	MW observés: 27 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IF

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 HCT 116, cellules A549, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules HuH-7, cellules U2OS, tissu hépatique de souris

IHC : tissu de gliome humain,

Informations générales

HSPB1, also known as heat shock protein 27 (Hsp27), belongs to the small heat shock protein family which is induced in response to environmental challenges or/and developmental transitions. It is also an anti-apoptotic protein that plays crucial roles in tumorigenesis and cell survival and is reported to be an independent prognosis marker for cancer. Recently HSPB1 has been found to be a valuable marker for melanoma. In addition to the predicted 27 kDa, an extra 50-55 kDa representing dimeric form of HSPB1 may also be observed (21353161).

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiao Zhang	32945483	Oncol Rep	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.

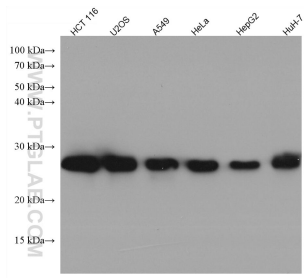
For technical support and original validation data for this product please contact:

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

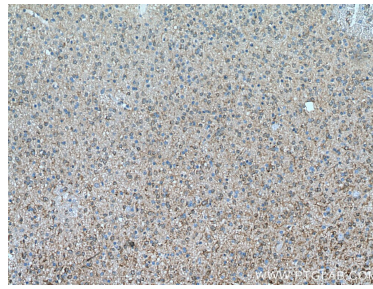
E: proteintech@ptglab.com
W: ptglab.com

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

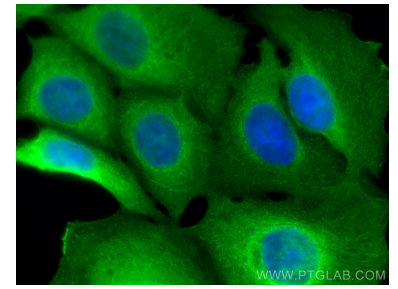
Données de validation sélectionnées



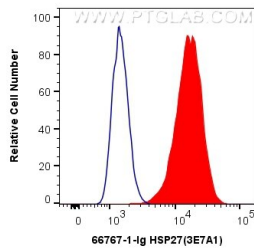
Various lysates were subjected to SDS PAGE followed by western blot with 66767-1-Ig (HSPB1 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66767-1-Ig (HSPB1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using HSP27 antibody (66767-1-Ig, Clone: 3E7A1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HepG2 cells were intracellularly stained with 0.5 ug Anti-Human HSP27 (66767-1-Ig, Clone:3E7A1) (red) labeled with FlexAble CoraLite® Plus 555 Antibody Labeling Kit for Mouse IgG1 (KFA022), or 0.5 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).