

À des fins de recherche uniquement

Anticorps Monoclonal anti-GRP94

Numéro de catalogue: 60012-1-Ig **6 Publications**



Informations de base

Numéro de catalogue: 60012-1-Ig	Numéro d'acquisition GenBank: BC009195	Méthode de purification: Précipitation de l'acide caprylique/du sulfate d'ammonium
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7184	CloneNo.: 1H10B7
Hôte: Mouse	Nom complet: heat shock protein 90kDa beta (Grp94), member 1	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgM	MW calculé: 96 kDa	
Immunogen Catalog Number: AG1439	MW observés: 95 kDa	

Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Demandes citées:

CoIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

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 : Coeur humain, cellules NIH/3T3, cellules RAW 264.7, cellules ROS1728, tissu cardiaque humain, tissu hépatique humain, tissu pulmonaire humain

IHC : tissu de cancer du poumon humain, tissu de cancer du sein humain

IF : cellules HepG2, cellules HeLa, cellules MCF-7

Informations générales

HSP90 proteins are highly conserved molecular chaperones, which normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. HSP90B1 (GP96 or GRP94) is an endoplasmic reticulum paralogue of the cytosolic HSP90. As a major ER chaperone to mediate the UPR and a master chaperone for Toll-like receptors (TLRs), HSP90b1 chaperones peptides to MHC class I molecules of dendritic cells and other antigen-presenting cells, as well as facilitating the assembly of immunoglobulin. The protein is also involved in many other bio-processes. This antibody was generated against the N-terminal region of full-length HSP90b1.

Publications notables

Autrice	Pubmed ID	Journal	Application
Raul Chavez-Valdez	30971945	Front Physiol	
Wenfei Xia	34249903	Front Cell Dev Biol	WB
Xin-Yang Li	33133686	J Adv Res	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % 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.

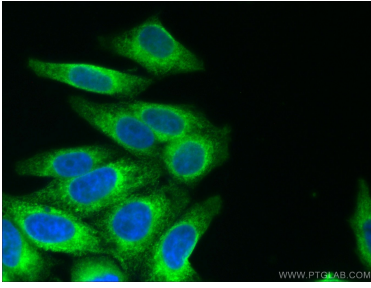
For technical support and original validation data for this product please contact:

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

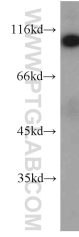
E: proteintech@ptglab.com
W: ptglab.com

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

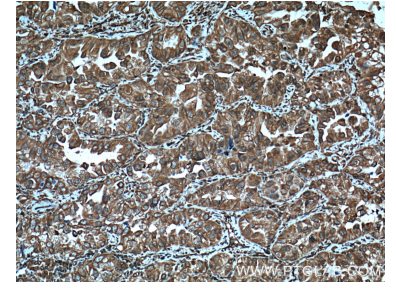
Données de validation sélectionnées



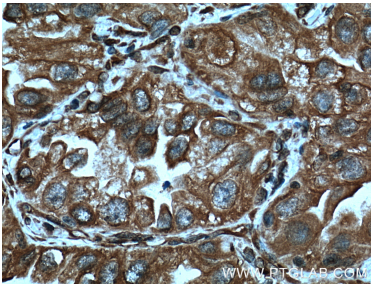
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 60012-1-Ig (GRP94 antibody) at dilution of 1:200 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



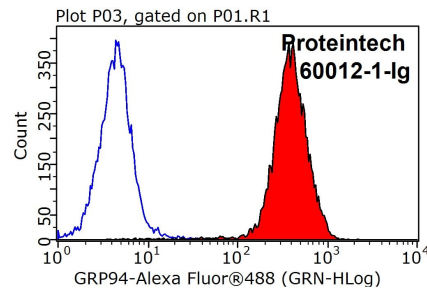
human heart tissue were subjected to SDS PAGE followed by western blot with 60012-1-Ig (HSP90B1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60012-1-Ig (GRP94 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 lung cancer tissue slide using 60012-1-Ig (GRP94 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HeLa cells were stained with 0.2ug GRP94 antibody (60012-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.