

À des fins de recherche uniquement

Anticorps Monoclonal anti-GRP94

Numéro de catalogue: 60012-2-Ig **3 Publications**



Informations de base

Numéro de catalogue: 60012-2-Ig	Numéro d'acquisition GenBank: BC009195	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 920 µg/ml by Nanodrop and 853 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7184	CloneNo.: 4G7C7
Hôte: Mouse	Nom complet: heat shock protein 90kDa beta (Grp94), member 1	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:200-1:800 IF 1:50-1:500
Isotype: IgG1	MW calculé: 96 kDa	
Immunogen Catalog Number: AG1439	MW observés: 95 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, 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 : cellules HeLa, cellules HEK-293, cellules HepG2, cellules Jurkat

IHC : tissu de cancer du côlon humain, tissu de cancer du pancréas humain

IF : cellules HepG2, cellules A431

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
Chenxue Gong	31743135	Anticancer Drugs	WB
Yabing Chen	37595666	J Control Release	WB
Lingzi Wu	37322475	J Transl Med	WB

Stockage

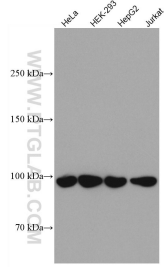
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

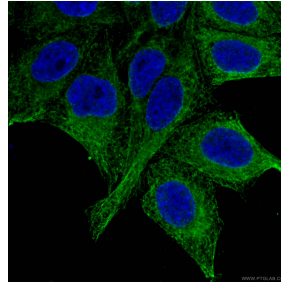
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

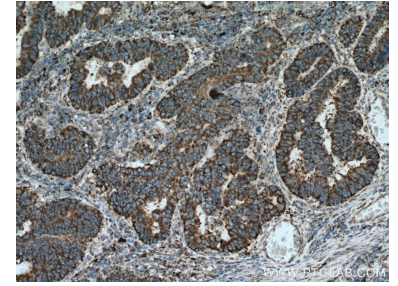
Données de validation sélectionnées



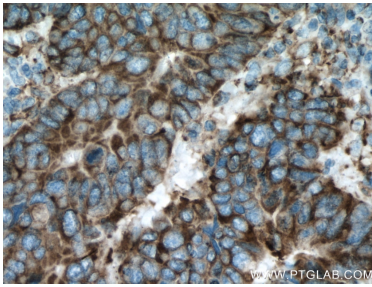
Various lysates were subjected to SDS PAGE followed by western blot with 60012-2-Ig (GRP94 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



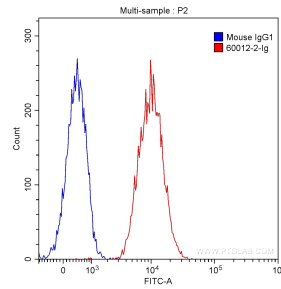
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 60012-2-Ig (GRP94 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 60012-2-Ig (GRP94 antibody) at dilution of 1:400 (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 60012-2-Ig (GRP94 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 HeLa cells were intracellularly stained with 0.20 ug/test Anti-Human GRP94 (60012-2-Ig, Clone:4G7C7) (red) or 0.20 ug control antibody (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000. Fixed with 90% MeOH.