

À des fins de recherche uniquement

Anticorps Monoclonal anti-HSP90

Numéro de catalogue: 60318-1-Ig **56 Publications**



Informations de base

Numéro de catalogue: 60318-1-Ig	Numéro d'acquisition GenBank: BC023006	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 3320	CloneNo.: 3F11C1
Hôte: Mouse	Nom complet: heat shock protein 90kDa alpha (cytosolic), class A member 1	Dilutions recommandées: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:2000-1:10000 for WB
Isotype: IgG2a	MW calculé 853 aa, 90 kDa	IHC 1:50-1:500 IF 1:50-1:500
Immunogen Catalog Number: AG3826	MW observés: 85-90 kDa	

Applications

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

Demandes citées:
CoIP, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:
Humain, porc, rat, souris

Espèces citées:
Humain, porc, poulet, rat, singe, 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.

Contrôles positifs:

WB: cellules LNCaP, cellules 4T1, cellules HEK-293, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules MCF-7, cellules NIH/3T3, cellules ROS1728

IP: cellules HepG2,

IHC: tissu de tumeur ovarienne humain,

IF: cellules HepG2,

Informations générales

HSP90, encoded by HSP90AA1, is a constitutively and ubiquitously expressed molecular chaperone that is crucial for the stability and function of many proteins. HSP90 provides chaperoning activity for client proteins; many of them are members of oncogenic pathways, indicating its implication in tumor malignancy. HSP90 mainly resides in the cytosol, while it can also be released to the extracellular space. Secreted Hsp90 is a C-terminal truncated form. It has been reported that the level of plasma Hsp90 is positively correlated with tumor malignancy in clinical cancer patients, and can be a promising diagnostic marker for tumor malignancy in clinical application.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yunfei Chen	32966240	Aging (Albany NY)	WB
Xingfeng Liu	36131205	Nat Metab	WB
Rui Lin	36082450	Prostate	WB

Stockage

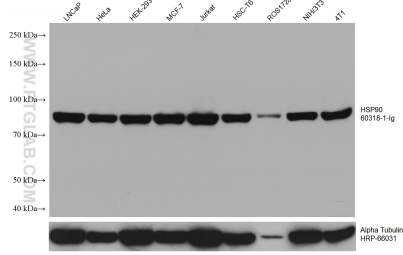
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

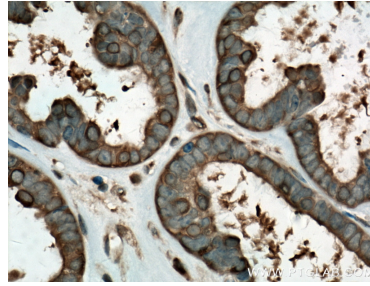
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

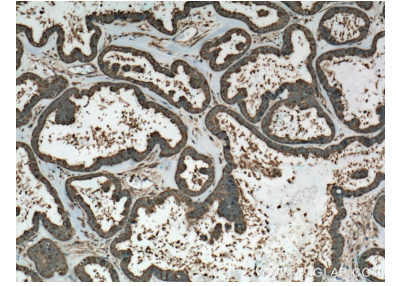
Données de validation sélectionnées



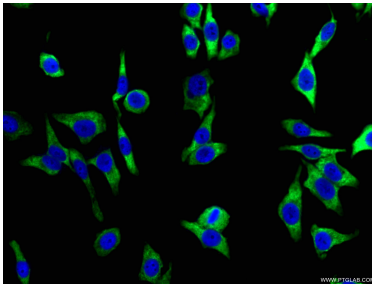
Various lysates were subjected to SDS PAGE followed by western blot with 60318-1-Ig (HSP90 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



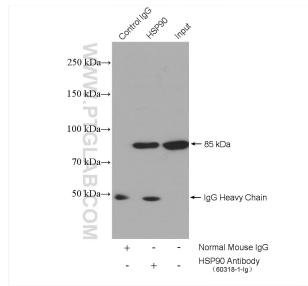
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60318-1-Ig (HSP90 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



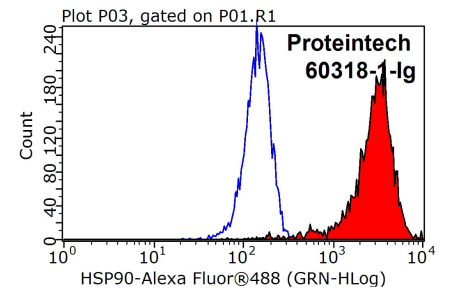
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60318-1-Ig (HSP90 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 60318-1-Ig (HSP90 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



IP result of anti-HSP90 (IP:60318-1-Ig, 5ug; Detection:60318-1-Ig 1:5000) with HepG2 cells lysate 1200 ug.



1X10⁶ K-562 cells were stained with 0.2ug HSP90 antibody (60318-1-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.