

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-HSP90



Numéro de catalogue: 13171-1-AP

Phare

214 Publications

## Informations de base

Numéro de catalogue:

13171-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG3826

Numéro d'acquisition GenBank:

BC023006

Identification du gène (NCBI):

3320

Nom complet:

heat shock protein 90kDa alpha (cytosolic), class A member 1

MW calculé

853 aa, 90 kDa

MW observés:

90 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

FC 1:10-1:100

## Applications

Applications testées:

FC, IHC, IP, WB, ELISA

Demandes citées:

CoIP, ELISA, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, Humain, porc, poulet, rat, souris, fish

**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 HEK-293, cellules C6, cellules HeLa, cellules NIH/3T3, cellules PC-12, tissu rénal de rat, tissu rénal de souris

IP : cellules K-562, cellules HeLa

IHC : tissu de cancer du foie humain, tissu testiculaire de souris

FC : cellules HeLa, cellules A549

## 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
Miao Zhang	36175800	Int J Legal Med	WB
Bing Sun	27684953	PLoS One	WB
Hao Yang	34482643	Proteomics	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.

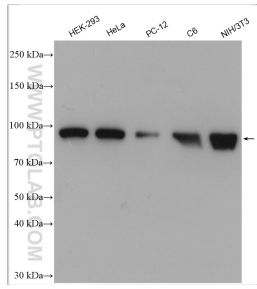
For technical support and original validation data for this product please contact:

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

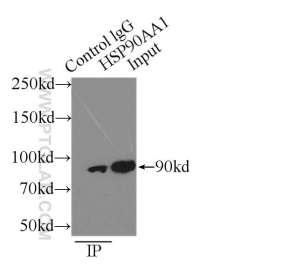
E: proteintech@ptglab.com  
W: ptglab.com

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

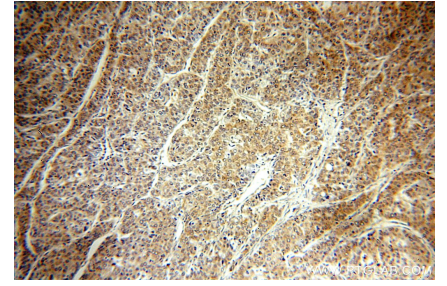
## Données de validation sélectionnées



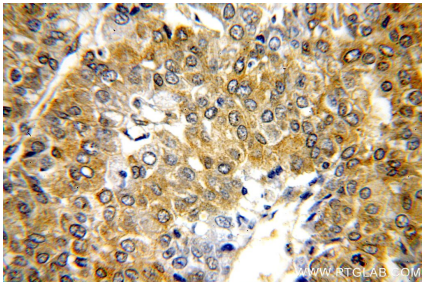
Various lysates were subjected to SDS PAGE followed by western blot with 13171-1-AP (HSP90 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



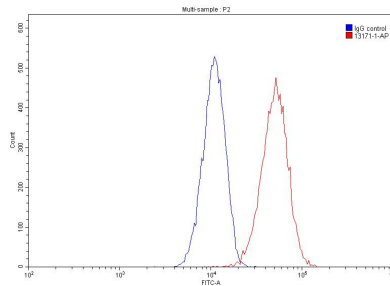
IP Result of anti-HSP90 (IP:13171-1-AP, 3ug; Detection:13171-1-AP 1:500) with K-562 cells lysate 2000ug.



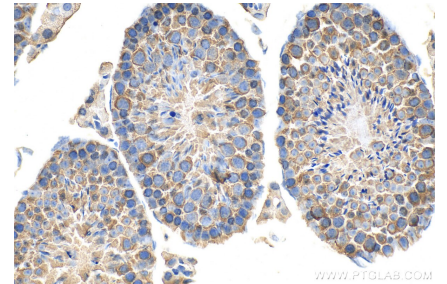
Immunohistochemical analysis of paraffin-embedded human liver cancer using 13171-1-AP (HSP90 antibody) at dilution of 1:50 (under 10x lens).



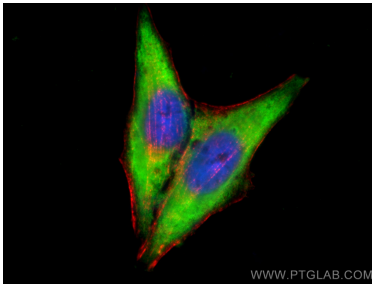
Immunohistochemical analysis of paraffin-embedded human liver cancer using 13171-1-AP (HSP90 antibody) at dilution of 1:50 (under 40x lens).



$1 \times 10^6$  HeLa cells were stained with 0.20ug HSP90 antibody (13171-1-AP, red) and control antibody (blue). Fixed with 90% MeOH.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue using 13171-1-AP (HSP90 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using HSP90 antibody (13171-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).