

Allgemeine Informationen

Katalog-Nr.: 60318-1-Ig	GenBank-Zugangsnummer: BC023006	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von3320 Nanodrop;	GeneID (NCBI): 3320	CloneNo.: 3F11C1
Wirt: Maus	Vollständiger Name: heat shock protein 90kDa alpha (cytosolic), class A member 1	Empfohlene Verdünnungen: WB 1:5000-1:50000 IP 0.5-4.0 ug für IP und 1:2000-1:10000 für WB
Isotyp: IgG2a	Berechnete Masse: 853 aa, 90 kDa	IHC 1:50-1:500 IF 1:50-1:500
Immunogen Katalognummer: AG3826	Beobachtete Masse: 85-90 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, IHC, IP, RIP, WB

Getestete Reaktivität:

Hausschwein, Human, Maus, Ratte

Zitierte Arten:

Affe, Hausschwein, Huhn, Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

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

IP : HepG2-Zellen,

IHC : humanes Ovarialkarzinomgewebe,

IF : HepG2-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

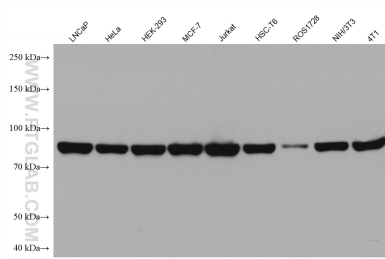
For technical support and original validation data for this product please contact:

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

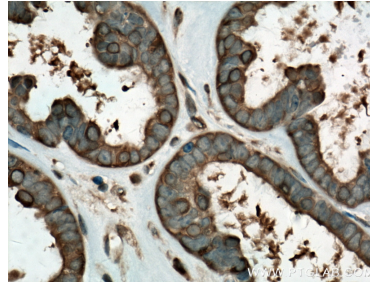
E: proteintech@ptglab.com
W: ptglab.com

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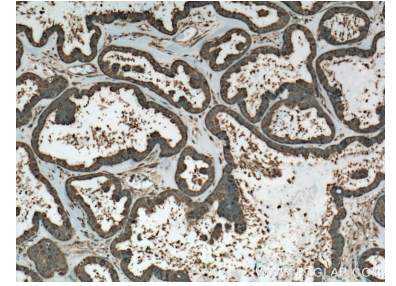
Ausgewählte Validierungsdaten



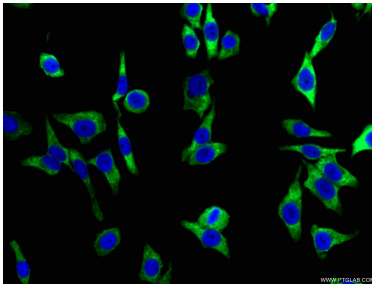
Various lysates were subjected to SDS PAGE followed by western blot with 60318-1-Ig (HSP90 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



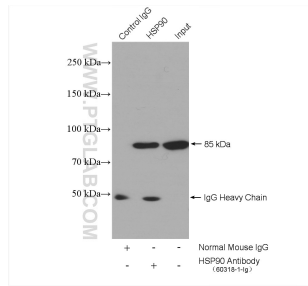
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60318-1-Ig (HSP90 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



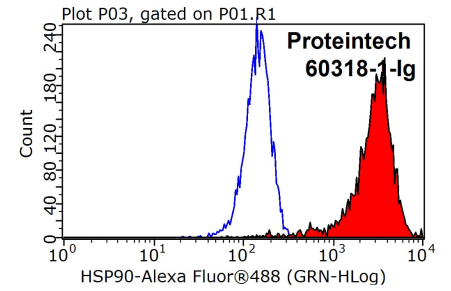
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60318-1-Ig (HSP90 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.