

Nur für Forschungszwecke

GRP94 Monoklonaler Antikörper

Katalog-Nr.:60012-1-Ig **6 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 60012-1-Ig	GenBank-Zugangsnummer: BC009195	Reinigungsmethode: Caprylsäure/Ammoniumsulfat-Präzipitation
Größe: 150ul , Konzentration: 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 7184	CloneNo.: 1H10B7
Wirt: Maus	Vollständiger Name: heat shock protein 90kDa beta (Grp94), member 1	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Isotyp: IgM	Berechnete Masse: 96 kDa	
Immunogen Katalognummer: AG1439	Beobachtete Masse: 95 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB,ELISA

In Publikationen genannte Anwendungen:

ColP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

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 : Human heart, humanes Herzgewebe, humanes Lebergewebe, humanes Lungengewebe, NIH/3T3-Zellen, RAW 264.7-Zellen, ROS1728-Zellen

IHC : humanes Lungenkarzinomgewebe, humanes Mammakarzinomgewebe

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

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

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

Lagerungspuffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

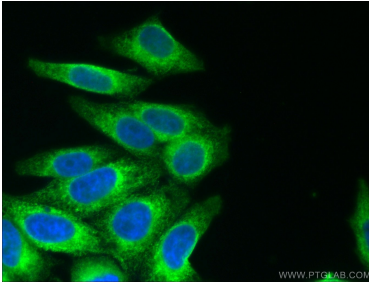
For technical support and original validation data for this product please contact:

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

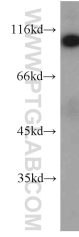
E: proteintech@ptglab.com
W: ptglab.com

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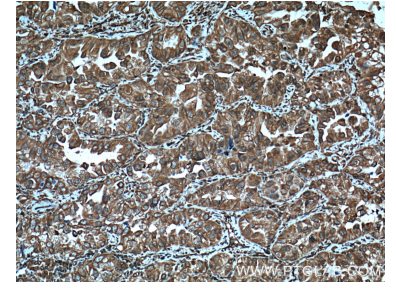
Ausgewählte Validierungsdaten



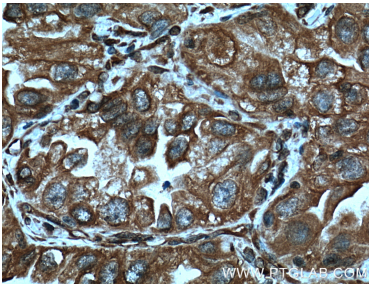
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 60012-1-Ig (GRP94 antibody) at dilution of 1:200 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



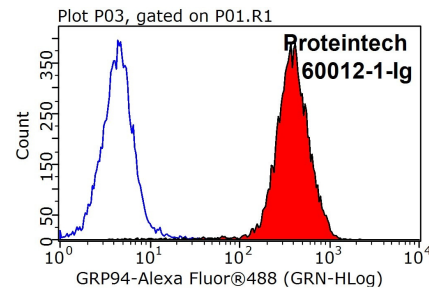
human heart tissue were subjected to SDS PAGE followed by western blot with 60012-1-Ig (HSP90B1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.