

Nur für Forschungszwecke

GRP94 Polyklonaler Antikörper

Katalog-Nr.:10979-1-AP

Vorgestelltes Produkt

4 Publikationen



Allgemeine Informationen

Katalog-Nr.:
10979-1-AP

Größe:
150ul, Konzentration: 500 µg/ml von Nanodrop und 227 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1439

GenBank-Zugangsnummer:
BC009195

GeneID (NCBI):
7184

Vollständiger Name:
heat shock protein 90kDa beta (Grp94), member 1

Berechnete Masse:
96 kDa

Beobachtete Masse:
94 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
IHC 1:20-1:200
IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Maus, Ratte

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

Positivkontrollen:

WB: HEK-293-Zellen, A549-Zellen, K-562-Zellen, MCF-7-Zellen, NIH/3T3-Zellen

IP: MCF-7-Zellen,

IHC: humanes Mammakarzinomgewebe, humanes Lungenkarzinomgewebe

IF: MCF-7-Zellen, HEK-293-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
Maojun Liu	28990064	Mol Med Rep	WB
Liang Zhang	33721634	Vet Microbiol	WB
Na Liu	35093118	J Neuroinflammation	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

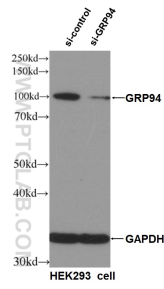
For technical support and original validation data for this product please contact:

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

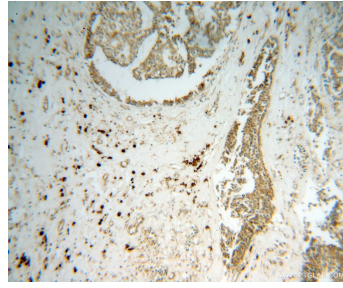
E: proteintech@ptglab.com
W: ptglab.com

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

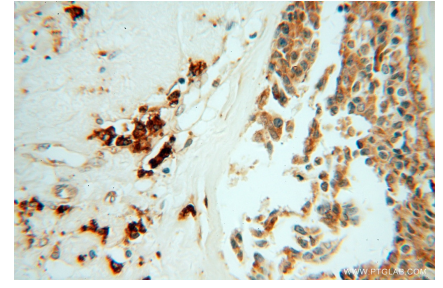
Ausgewählte Validierungsdaten



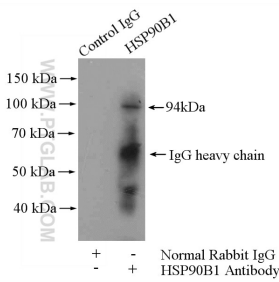
WB result of GPR94 antibody (10979-1-AP, 1:1000) with si-control and si-GRP94 transfected HEK293 cells..



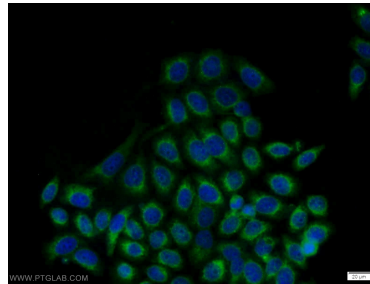
Immunohistochemical analysis of paraffin-embedded human breast cancer using 10979-1-AP (HSP90B1 antibody) at dilution of 1:50 (under 10x lens).



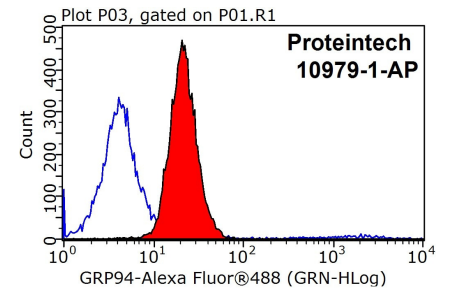
Immunohistochemical analysis of paraffin-embedded human breast cancer using 10979-1-AP (HSP90B1 antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-GRP94 (IP:10979-1-AP, 4ug; Detection:10979-1-AP 1:500) with MCF-7 cells lysate 4000ug.



Immunofluorescent analysis of MCF-7 cells using 10979-1-AP (GRP94 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ MCF-7 cells were stained with 0.2ug GRP94 antibody (10979-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.