

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GRP94



Numéro de catalogue: 10979-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:

10979-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1439

Numéro d'acquisition GenBank:

BC009195

Identification du gène (NCBI):

7184

Nom complet:

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

MW calculé

96 kDa

MW observés:

94 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

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

IHC 1:20-1:200

IF 1:20-1:200

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

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

IP : cellules MCF-7,

IHC : tissu de cancer du sein humain, tissu de cancer du poumon humain

IF : cellules MCF-7, cellules HEK-293

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Maojun Liu	28990064	Mol. Med Rep	WB
Liang Zhang	33721634	Vet Microbiol	WB
Na Liu	35093118	J Neuroinflammation	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'aliquoteage n'est pas nécessaire pour le stockage à -20C

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

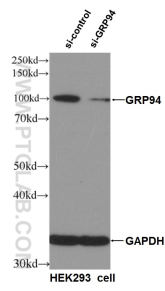
For technical support and original validation data for this product please contact:

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

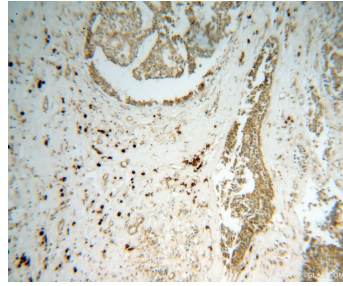
E: proteintech@ptglab.com
W: ptglab.com

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

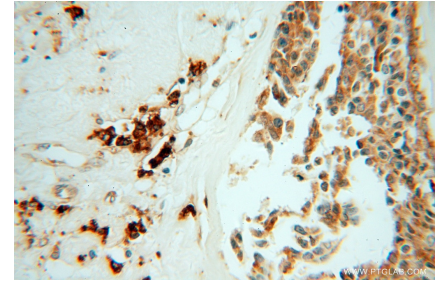
Données de validation sélectionnées



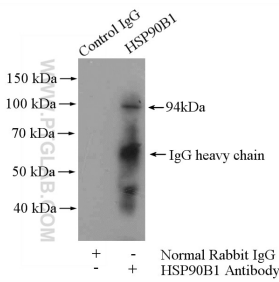
WB result of GPR94 antibody (10979-1-AP, 1:1000) with si-control and si-GRP94 transfected HEK293 cells..



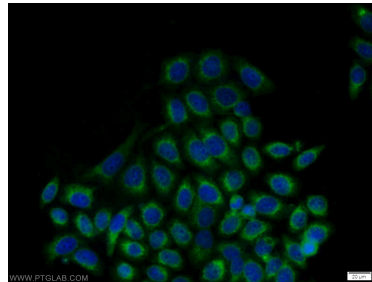
Immunohistochemical analysis of paraffin-embedded human breast cancer using 10979-1-AP (HSP90B1 antibody) at dilution of 1:50 (under 10x lens).



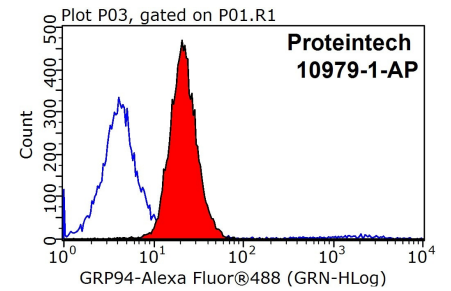
Immunohistochemical analysis of paraffin-embedded human breast cancer using 10979-1-AP (HSP90B1 antibody) at dilution of 1:50 (under 40x lens).



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.