Nur für Forschungszwecke

GRP94 Monoklonaler Antikörper

Katalog-Nr.:CL594-60012

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
CL594-60012

Größe:
100ul , Konzentration: 1000 μg/ml von Nanodrop;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG1439

GenBank-Zugangsnummer:
BC009195

GeneID (NCBI):
7184

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

Berechneté Masse:
96 kDa

Beobachteté Masse:
95 kDa

Reinigungsmethode:
Protein-G-Reinigung

CloneNo.:
4G7C7

Empfohlene Verdünnungen:
WB 1:500-1:1000
IF 1:50-1:500

Anregungs-/Emissionsmaxima-Wellenlängen:
588 nm / 604 nm

Anwendungen

Geprüfte Anwendungen:
FC (Intra), IF, WB

Getestete Reaktivität:
Human

Positivkontrollen:

WB : HeLa-Zellen, HEK-293-Zellen, HepG2-Zellen, Jurkat-Zellen

IF : HepG2-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.

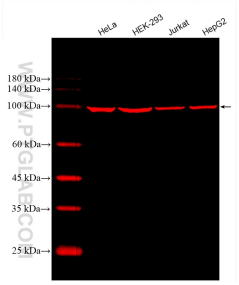
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glyzerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

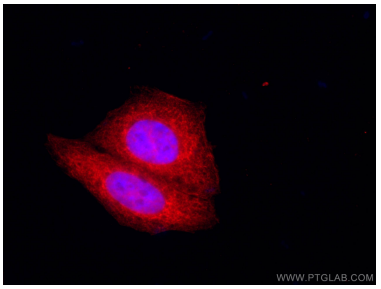
***** 20ul-Größen enthalten 0.1% BSA**

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

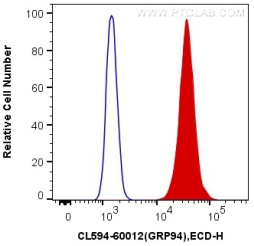
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with CL594-60012 (GRP94 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594-conjugated GRP94 antibody (CL594-60012, Clone: 4G7C7) at dilution of 1:100.



1X10^6 HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human GRP94 (CL594-60012, Clone:4G7C7) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL594-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).