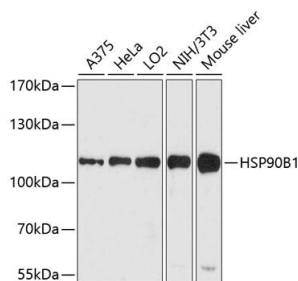
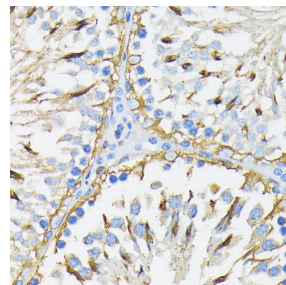


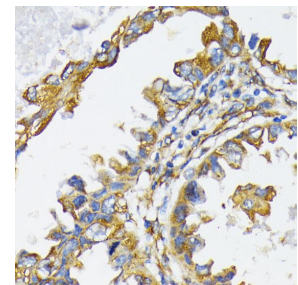
| | |
|--------------------------|--|
| Cat. No: | AB-83479 |
| Size: | 100 ug |
| Clone: | POLY |
| Concentration: | 1mg/ml |
| Host: | Rb |
| Isotype: | IgG |
| Immunogen: | A synthetic peptide corresponding to a sequence within amino acids 550-650 of human HSP90B1. |
| Reactivity: | Hu,Ms,Rt |
| Applications: | Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:100 Immunofluorescence: 1:50 - 1:100 |
| Molecular Weight: | 110kDa |
| Purification: | Aff. Pur. |
| Synonyms: | HSP90B1;ECGP;GP96;GRP94;HEL-S-125m;HEL35;TRA1 |
| Background: | This gene encodes a member of a family of adenosine triphosphate(ATP)-metabolizing molecular chaperones with roles in stabilizing and folding other proteins. The encoded protein is localized to melanosomes and the endoplasmic reticulum. Expression of this protein is associated with a variety of pathogenic states, including tumor formation. There is a microRNA gene located within the 5' exon of this gene. There are pseudogenes for this gene on chromosomes 1 and 15. |
| Form: | Liquid |
| Buffer: | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles |



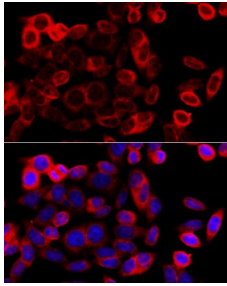
Western blot analysis of extracts of various cell lines, using GRP-94 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL West Pico Plus.
Exposure time: 90s.



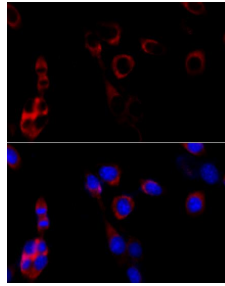
Immunohistochemistry of paraffin-embedded rat testis using GRP-94 antibody at dilution of 1:200 (40x lens).



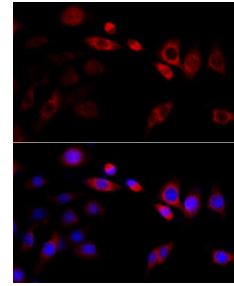
Immunohistochemistry of paraffin-embedded human lung cancer using GRP-94 antibody at dilution of 1:200 (40x lens).



Immunofluorescence analysis of HeLa cells using GRP-94 antibody at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using GRP-94 antibody at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using GRP-94 antibody at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.

References

References for HSP90B1 Rabbit pAb

Journal:VIRUSES-BASEL

Application:WB

IF:.464

Species:Sus scrofa

PMID:27916855

Title:Comparative Proteome Analysis of Porcine Jejunum Tissues in Response to a Virulent Strain of Porcine Epidemic Diarrhea Virus and Its Attenuated Strain

References for HSP90B1 Rabbit pAb

Journal:Experimental cell research

Application:WB

IF:3.32

Species:Mus musculus

PMID:31202710

Title:The protective role of the MKP-5-JNK/P38 pathway in glucolipototoxicity-induced islet β -cell dysfunction and apoptosis.

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