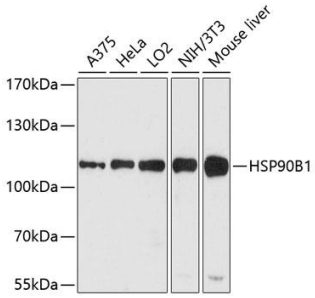
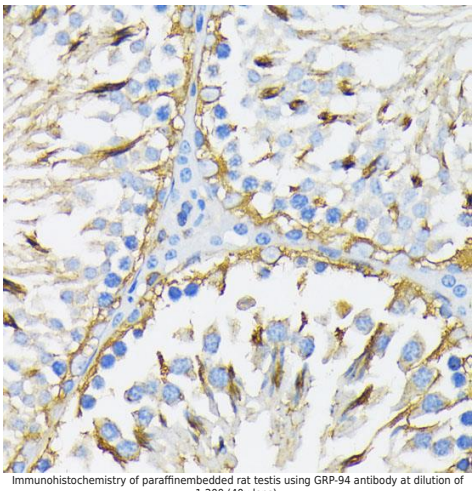
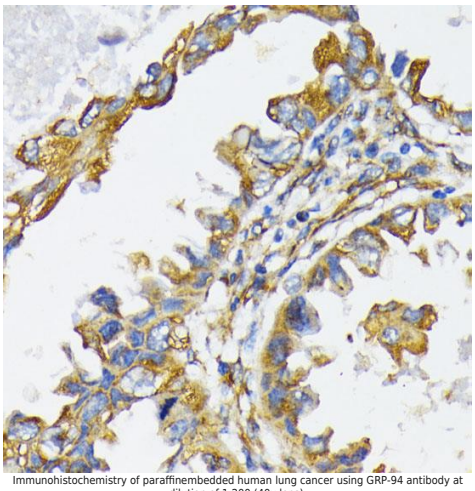
Product name:	GRP-94
Cat number:	AB-83479
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 550-650 of human HSP90B1.
Reactivity:	Hu,Ms,Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:100 Immunofluorescence: 1:50 - 1:100
Molecular Weight:	110kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20℃. Avoid freeze / thaw cycles
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.



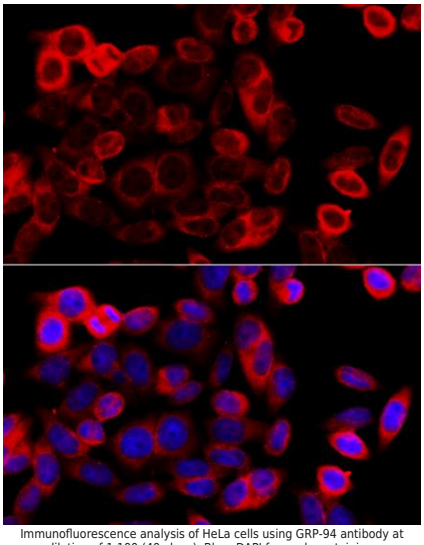
Western blot analysis of extracts of various cell lines, using GRP-94 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 90s.



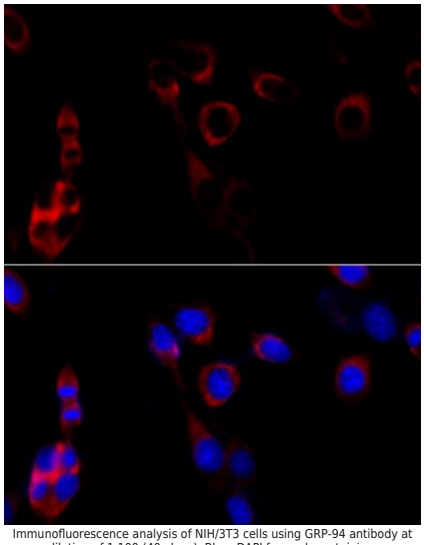
Immunohistochemistry of paraffinembedded rat testis using GRP-94 antibody at dilution of 1:200 (40x lens).



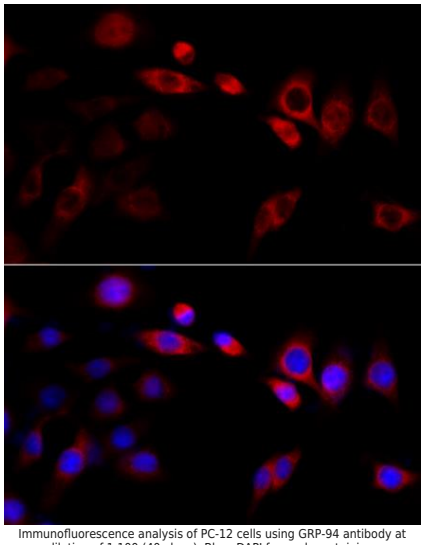
Immunohistochemistry of paraffinembedded human lung cancer using GRP-94 antibody at dilution of 1:200 (40x lens).



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.