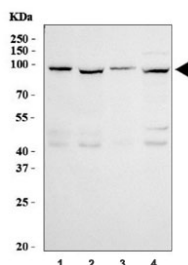


GRP94 Antibody / HSP90B1 (R30406)

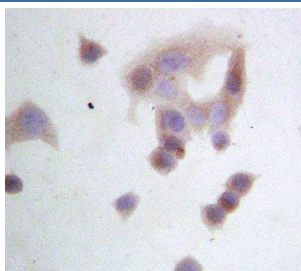
Catalog No.	Formulation	Size
R30406	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

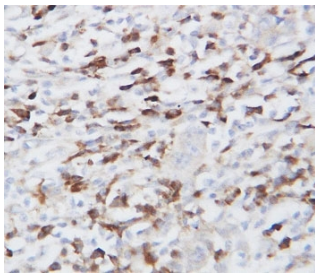
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P14625
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml Immunocytochemistry : 0.5-1ug/ml
Limitations	This GRP94 antibody is available for research use only.



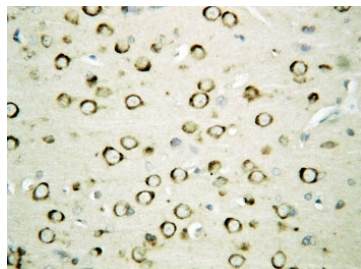
Western blot testing of human 1) A549, 2) HeLa, 3) Jurkat and 4) K562 cell lysate with GRP94 antibody. Predicted molecular weight ~94 kDa.



ICC: GRP94 antibody testing of HeLa cell



IHC-P: GRP94 antibody testing of human lung cancer tissue. HIER: steamed with pH6 citrate buffer.



IHC-P: GRP94 antibody testing of rat brain tissue. HIER: steamed with pH6 citrate buffer.

Description

Molecular chaperone that functions in the processing and transport of secreted proteins. When associated with CNPY3, required for proper folding of Toll-like receptors (By similarity). Functions in endoplasmic reticulum associated degradation (ERAD). Has ATPase activity. [UniProt]

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the GRP94 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the middle region of human GRP94 (INPRHPLIRDMLRR) was used as the immunogen for this GRP94 antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the GRP94 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.