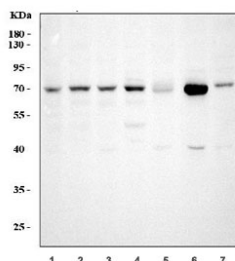


GRP75 Antibody / HSPA9 (R30886)

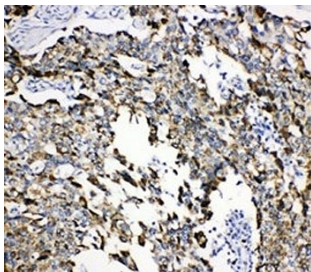
Catalog No.	Formulation	Size
R30886	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

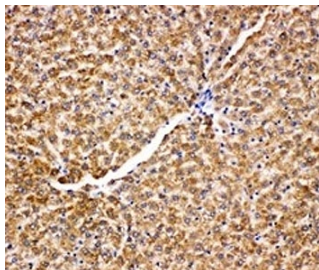
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P38646
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml Immunohistochemistry (Frozen) : 0.5-1ug/ml Immunocytochemistry : 0.5-1ug/ml
Limitations	This GRP75 antibody is available for research use only.



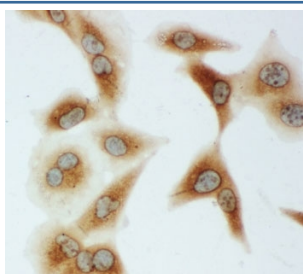
Western blot testing of 1) human HeLa, 2) human A549, 3) human Jurkat, 4) human HepG2, 5) rat testis, 6) mouse testis and 7) mouse NIH 3T3 cell lysate with GRP75 antibody. Expected molecular weight: 70~75 kDa.



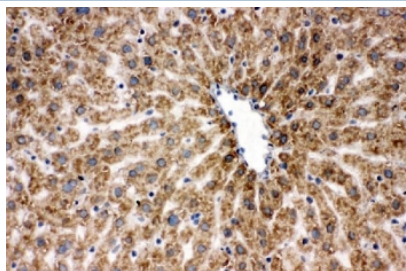
IHC-P: GRP75 antibody testing of human lung cancer tissue. HIER: steamed with pH6 citrate buffer.



IHC-P: GRP75 antibody testing of rat liver tissue. HIER: steamed with pH6 citrate buffer.



ICC staining of human A549 cells.



IHC staining of frozen rat liver tissue with GRP75 antibody.

Description

Heat shock 70kDa protein 9, also known as GRP75, mot-2, mthsp75, PBP74, HSPA9B, and Mortalin, is a highly conserved member of the HSP70 family of proteins. It functions as a chaperone in the mitochondria, cytoplasm, and centrosome. This protein plays a role in the control of cell proliferation.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the GRP75 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human GRP75 (DTETKMEEFKDQLPADECN) was used as the immunogen for this GRP75 antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the GRP75 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

