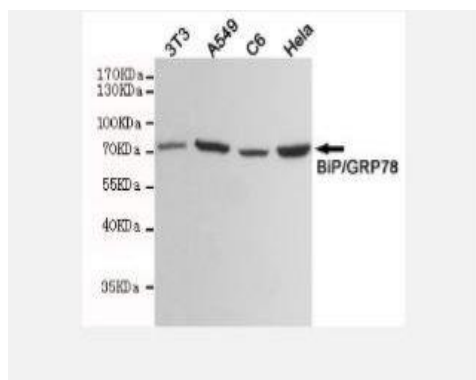


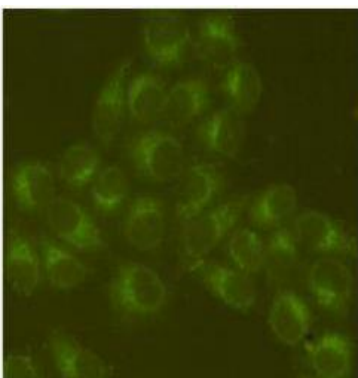
BiP/GRP78 mouse mAb

Catalog No.	IMB0174
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	hspa5
Protein Name	-
Human Gene Id	3309
Swiss-Prot	P11021
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Dilution	WB: 1:1000
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Background	The protein encoded by this gene is a member of the heat shock protein 70 (HSP70) family. It is localized in the lumen of the endoplasmic reticulum (ER), and is involved in the folding and assembly of proteins in the ER. As this protein interacts with many ER proteins, it may play a key role in monitoring protein transport through the cell.
Subcellular Location.	Endoplasmic reticulum lumen. Melanosome. Cytoplasm. Cell surface. Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:12643545). Localizes to the cell surface of epithelial cells in response to high levels of free iron (PubMed:20484814, PubMed:24355926, PubMed:27159390).
BiowMW	-

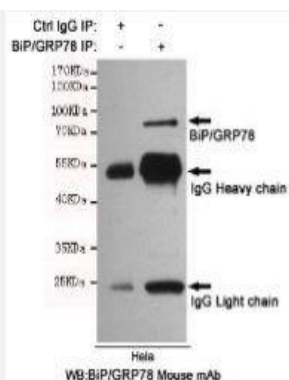
Products Images:



Western blot analysis of extracts from 3T3, A549, C6 and HeLa cell lysates using BiP/GRP78 mouse mAb (1:1000 diluted). Predicted band size: 72 kDa. Observed band size: 72 kDa.



Immunofluorescent analysis of HeLa cells fixed by anhydrous methanol at -20°C and using BiP/GRP78 mouse mAb (dilution 1:200).



Immunoprecipitation of BiP/GRP78 from HeLa cell extracts using BiP/GRP78 Mouse mAb. Western blot was performed using BiP/GRP78 Mouse mAb.