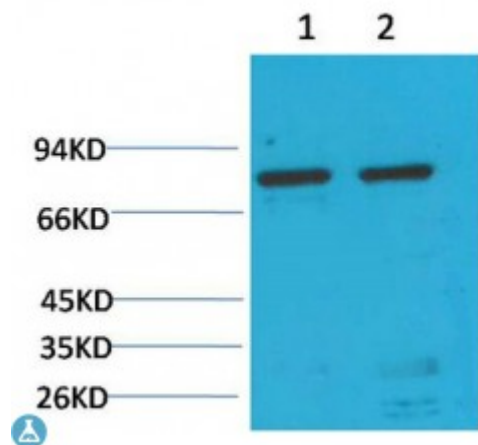


Anti-GRP78/Bip antibody



Description	Mouse monoclonal to GRP78/Bip (10C9).
Model	STJ97523
Host	Mouse
Reactivity	Human, Rat
Applications	IHC, WB
Immunogen	Synthetic Peptide
Gene ID	3309
Gene Symbol	HSPA5
Dilution range	WB 1:1000-2000, IHC 1:100-200
Specificity	GRP78/Bip Mouse Monoclonal Antibody (10C9) detects endogenous levels of GRP78/Bip
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Clone ID	10C9
Note	For Research Use Only (RUO).
Protein Name	78 kDa glucose-regulated protein GRP-78 Endoplasmic reticulum luminal Ca ²⁺ -binding protein grp78 Heat shock 70 kDa protein 5 Immunoglobulin heavy chain-binding protein BiP
Clonality	Monoclonal
Conjugation	Unconjugated

Isotype	IgG1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5238OMIM:138120
Alternative Names	78 kDa glucose-regulated protein GRP-78 Endoplasmic reticulum luminal Ca ²⁺ -binding protein grp78 Heat shock 70 kDa protein 5 Immunoglobulin heavy chain-binding protein BiP
Function	Probably plays a role in facilitating the assembly of multimeric protein complexes inside the endoplasmic reticulum. Involved in the correct folding of proteins and degradation of misfolded proteins via its interaction with DNAJC10, probably to facilitate the release of DNAJC10 from its substrate.
Cellular Localization	Endoplasmic reticulum lumen Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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