

GRP78 Bip Mouse Monoclonal Antibody(8G3)

Catalog No: RA10044

Basic Information

Host species	Mouse
Applications	WB, IHC
Species Cross-Reactivity	H,R
Specificity	Antibody can detects endogenous GRP78/Bip protein.
Recommended dilutions	WB: 1:1,000-2,000 IHC: 1:100-200 Optimal dilutions should be determined by the end user.

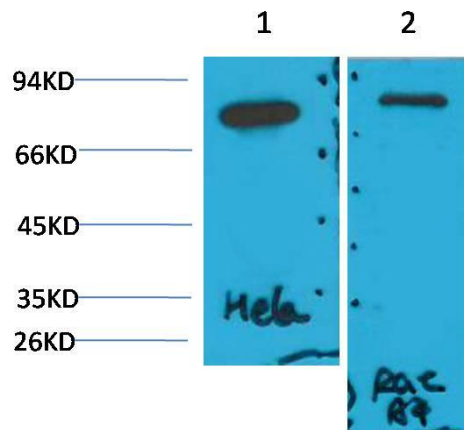
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

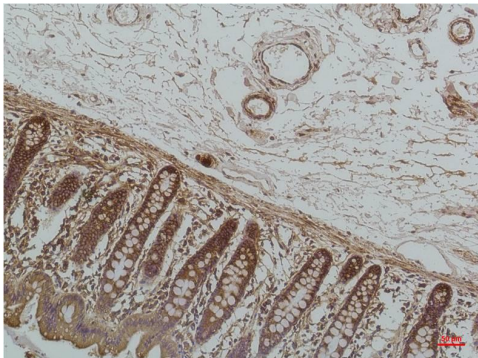
Background

Alternative Names	HSPA5, GRP78, MIF2, BIP, Heat shock 70 kda protein 5
Observed band	78
Human Gene ID	3309
Human Swiss-Prot Number	P11021
Background	Belongs to the heat shock protein 70 family. When protein folding is disturbed inside ER, BiP synthesis is increased.

Selected Validation Data



Western blot analysis of 1)Hela, 2) Rat LiverTissue with GRP78/Bip Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma using GRP78/Bip Mouse mAb diluted at 1:200.