

HSC70 Mouse Monoclonal Antibody(8G7)

Catalog No: RA10035

Basic Information

Host species	Mouse
Applications	WB, IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous HSC70 protein.
Recommended dilutions	WB: 1:2,000-5,000 IHC: 1:100-200 Optimal dilutions should be determined by the end user.

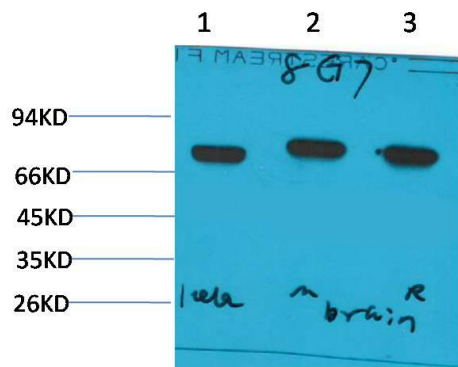
Applications

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

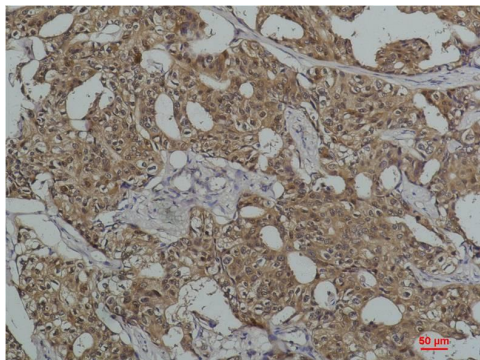
Background

Alternative Names	Heat shock cognate 71 kDa protein antibody, HSC71 antibody, HSP73 antibody, HSPA8 antibody
Observed band	70
Human Gene ID	3312
Human Swiss-Prot Number	P11142
Background	Heat shock 70 kDa protein 8 also known as heat shock cognate 71 kDa protein or Hsc70 or Hsp73 is a heat shock protein that in humans is encoded by the HSPA8 gene. As a member of the heat shock protein 70 family and a chaperone protein, it facilitates the proper folding of newly translated and misfolded proteins, as well as stabilize or degrade mutant proteins.

Selected Validation Data



Western blot analysis of 1)Hela, 2)Mouse Brain Tissue, 3) Rat Brain Tissue with HSC70 Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using HSC70 Mouse mAb diluted at 1:200.