

# HSC70 Mouse Monoclonal Antibody(7G12)

## Catalog No: RA10297

### Basic Information

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

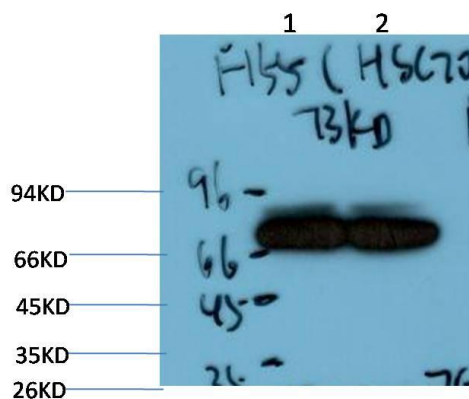
### Applications

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

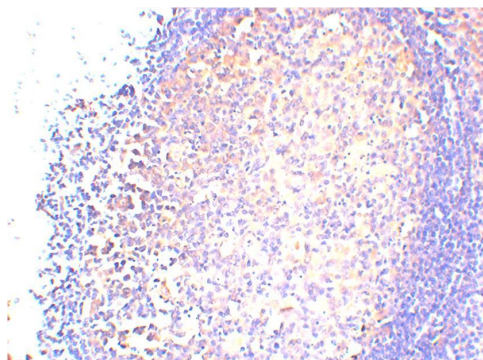
### Background

Alternative Names	Heat shock cognate 71 kDa protein antibody, HSC71 antibody, HSP73 antibody, HSPA8 antibody
Observed band	73
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 Cell, 2) Mouse Brain Tissue Lysate using HSC70 Mouse Monoclonal mAb diluted at 1:5,000.



Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using HSC70 Mouse Monoclonal antibody diluted at 1:200.