

HSC70 Mouse Monoclonal Antibody(8G7)

Catalog TDY472C TDY472F

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Quantity 50μL 100μL

Entrez-Gene ID#3312 , Swiss-Prot Acc.#P11142

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, R, M	70KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C**. **Do not aliquot the antibody.**

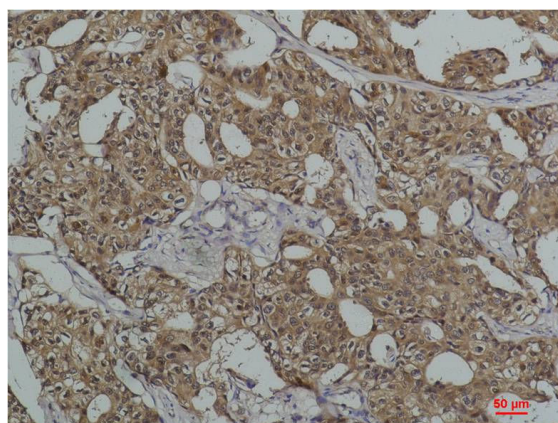
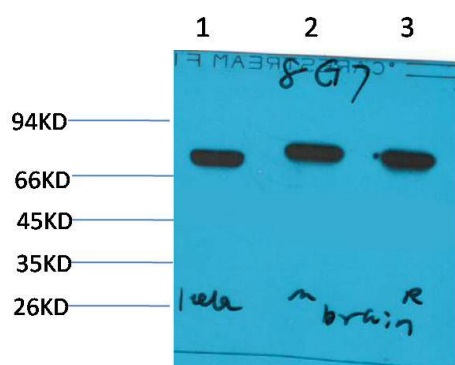
Recommended dilutions: WB: 1:2,000-5,000 IHC: 1:100-200

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous HSC70 protein.

Alternative Names: Heat shock cognate 71 kDa protein antibody, HSC71 antibody, HSP73 antibody, HSPA8 antibody

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.



Western blot analysis of 1)Hela, 2)Mouse Brain Tissue, 3) Rat Brain Tissue with HSC70 Mouse mAb TDY472 diluted at 1:2,000.

Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using HSC70 (TDY472) Mouse mAb diluted at 1:200.