

Mouse HSC70 Monoclonal Antibody | anti-HSC70 antibody

HSC70 Mouse mAb (7G12)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320463	Mouse	Human, Mouse, Rat	Western Blot, Immunohistochemistry

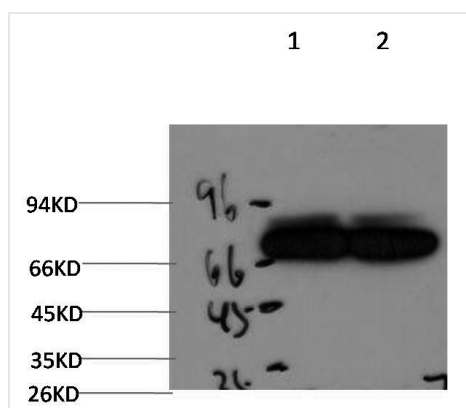
PRODUCT SYNONYMS

HSC70; Monoclonal Antibody; HSC70 Mouse mAb (7G12); Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8); anti-HSC70 antibody

PRODUCT SPECIFICATIONS

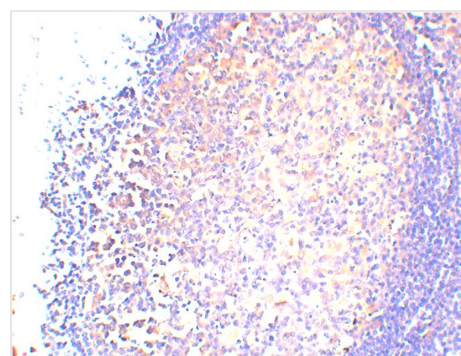
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	7G12
Specificity	This antibody detects endogenous levels of HSC70 at Human, Mouse, Rat
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-HSC70 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human HSC70
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



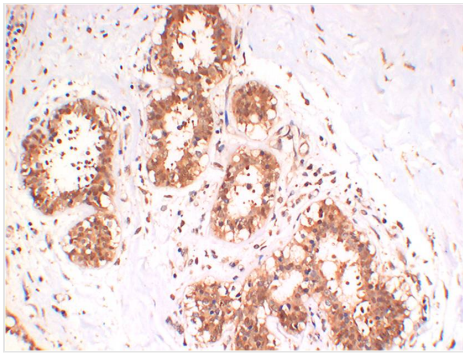
IHC (Immunohistochemistry)

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



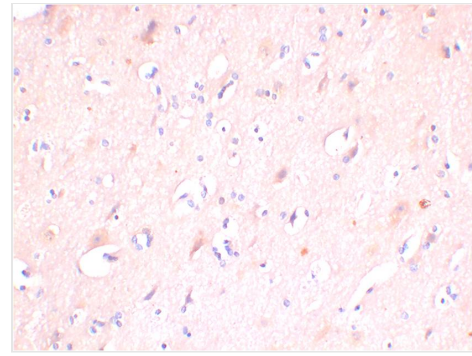
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

Western blot analysis of 1) Hela Cell. 2) Mouse Brain Tissue Lysate using HSC70 Mouse Monoclonal mAb diluted at 1:5,000.

ADDITIONAL INFORMATION

Related Product Information for anti-HSC70 antibody	This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]
Product Categories/Family for anti-HSC70 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729877
NCBI GeneID	3312
NCBI Accession #	NP_006588.1
NCBI GenBank Nucleotide #	NM_006597.4
UniProt Accession #	P11142 ; Q9H3R6
Molecular Weight	70,898 Da
NCBI Official Full Name	heat shock cognate 71 kDa protein isoform 1
NCBI Official Synonym Full Names	heat shock 70kDa protein 8
NCBI Official Symbol	HSPA8
NCBI Official Synonym Symbols	LAP1; HSC54; HSC70; HSC71; HSP71; HSP73; NIP71; HSPA10
NCBI Protein Information	heat shock cognate 71 kDa protein; LPS-associated protein 1; heat shock 70kd protein 10; heat shock cognate protein 54; constitutive heat shock protein 70; lipopolysaccharide-associated protein 1; N-myristoyltransferase inhibitor protein 71
UniProt Protein Name	Heat shock cognate 71 kDa protein
UniProt Gene Name	HSPA8
UniProt Synonym Gene Names	HSC70; HSP73; HSPA10
UniProt Entry Name	HSP7C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

