

## HSC70 mouse mAb(8G7) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A15903	Mouse	1 mg/ml	

<b>Applications</b>	WB,IHC
<b>Reactivity</b>	Human,Rat,Mouse
<b>Dilution</b>	WB: 1:500 - 1:2000.IHC:1:50-300. Not yet tested in other applications.
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	The antibody detects endogenous HSC70 protein
<b>Source / Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human HSC 70.
<b>Uniprot No</b>	P11142
<b>Alternative names</b>	Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8)
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	heat shock protein family A (Hsp70) member 8(HSPA8) Homo sapiens 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],
<b>Other</b>	HSPA8, Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8)

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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