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Anti-Hsp70 Mouse mAb [96H23]

Catalog No.: A33071

Basic Information

Catalog No. (Cat.No.)	A33071
Host species	Mouse
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF-P,ELISA
Synonyms	Hsp70,HSP70,HSP70,HSP72,HSPA1,HSP70I,HSP70-1,HSP70-2,HSP70.1,HSP70.2,HSP70-1A,HEL-S-103

Product Information

Target	Hsp70
Molecular Weight(Calculated)	70 kDa
Molecular Weight(Observed)	NA
Isotype	IgG
Conjugation	NA
Concentration	1 mg/ml
Clonality	Monoclonal
Clone No.	96H23
RRID	NA
Storage buffer	0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:2000
IHC	1:200-1:2000
IF-P	1:200-1:2000
ELISA	1:5000-1:20000

Target Information

Protein Name	Inducible heat-shock-70-kDa protein
Gene Name	*HSPA1A*
Domain	Full length
Background	Hsp70 (Heat shock protein 70) is a highly-conserved HSP70-family molecular chaperone localized in cytoplasm and nucleus. It folds nascent peptides, refolds misfolded proteins and targets defective polypeptides for degradation, defending cells against heat, oxidation and toxic stress. Hsp70 modulates cell-cycle progression and apoptotic signaling to sustain cellular homeostasis, and its transcription is robustly stress-inducible. Overexpressed Hsp70 supports tumor survival, suppresses apoptosis and confers radio-chemoresistance; it is also implicated in protein-aggregation-related neurodegeneration.