

## Product Data Sheet: HSP70 Mouse Monoclonal Antibody

Cat. No: MAB-80111
Conjugate: Unconjugated

Size: 100 ug

Clone: SJ-70

Concentration: 1mg/ml

Host: Mouse

Isotype: IgG1

**Immunogen:** A synthetic peptide of human HSP70

**Reactivity:** Human, Mouse, Rat

**Applications:** Western Blot 1:2000 - 1:5000

**Molecular** 

Weight: 70kDa

**Purification:** Affinity Purified

**Synonyms:** HSPA1A;HEL-S-103;HSP70-1;HSP70-1A;HSP70.1;HSP70I;HSP72;HSPA1

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjuction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also

**Background:** involved in the ubiquitinproteasome pathway through interaction with the AU-rich

element RNA-binding protein 1. The gene is located in the major

histocompatibility complex class III region, in a cluster with two closely related

genes which encode similar proteins.

Form: Liquid

**Buffer:** PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.

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