

A10897

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## HSP70 Rabbit mAb

Catalog No.: A10897

Recombinant

2 Publications

### Basic Information

#### Observed MW

70kDa

#### Calculated MW

70kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, IHC-P, IF/ICC, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### Background

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction 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 involved in the ubiquitin-proteasome 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. [provided by RefSeq, Jul 2008]

### Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:100

### Immunogen Information

#### Gene ID

3303/3304

#### Swiss Prot

P0DMV8/P0DMV9

#### Immunogen

Recombinant protein of human HSPA1B

#### Synonyms

Hsp70; HSP70

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

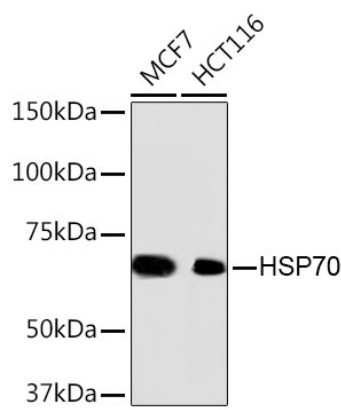
Affinity purification

#### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using HSPA1A/HSPA1B antibody (A10897).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.