HSP70 Rabbit mAb

Catalog No.: A10897 Recombinant 2 Publications



Basic Information

Observed MW

70kDa

Calculated MW

70kDa

Category

Primary 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 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 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

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID3303/3304

Swiss Prot
PODMV8/PODMV9

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Hsp70; HSP70

Contact

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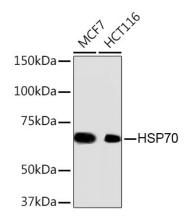
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

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

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



Western blot analysis of various lysates using HSP70 Rabbit mAb (A10897). Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.