

HSPA1B

Reactivity:Human Mouse Rat

Tested applications:WB IHC ICC IF FC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100
FC 1:10 - 1:50

Calculated MW:70 kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human HSPA1B

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HSP70-2; HSP70.2; HSP70-1B;

Catalog #:A10897

Antibody Type:

Monoclonal Antibody

Species:Rabbit

Gene ID:3304

Isotype:IgG

Swiss Prot:P0DMV9

Purity:Affinity purification

For research use only.

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.

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