

## Hsp70 1A (1D9) monoclonal antibody

Catalog: MB3225

Host: Mouse

Reactivity: Human, Mouse, Rat

### BackGround:

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.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

Calculated MW: 70 kDa; Observed MW: 70 kDa

### Swiss-Prot:

PODMV8

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

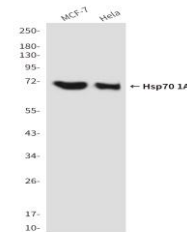
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

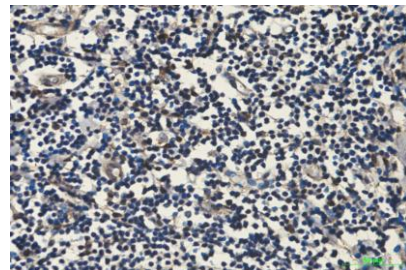
### Isotype:

IgG1

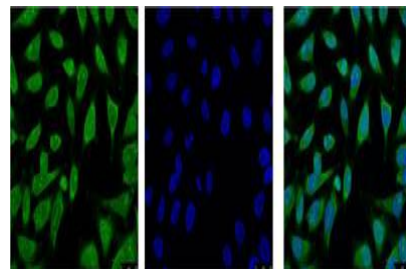
### DATA:



Western blot analysis of Hsp70 in MCF-7 and HeLa lysates using Hsp70 antibody.



Immunofluorescence analysis of Hsp70 1A in HeLa using Hsp70 1A antibody, and DAPI.



Western blot analysis of Hsp70 1A in HeLa, mouse Brain lysates using Hsp70 1A antibody.

Western blot analysis of Hsp70 1A in A549, K562, HeLa lysates using Hsp70 1A antibody

### Note:

For research use only, not for use in diagnostic procedure.

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