

HSP70 1A (1D9) MOUSE MAB

Cat.#: N261269

Product Name: Anti-Hsp70 1A (1D9) Mouse Monoclonal Antibody

Synonyms: HSP72; HSPA1; HSP70I; HSPA1B; HSP70-1; HSP70-1A.

UNIPROT ID: PODMV8

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.

Immunogen: Synthetic Peptide of HSP70

Applications: WB,IHC-F,IHC-P,ICC/IF

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

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 1D9-4C1-8F9

MW: Calculated MW: 70 kDa; Observed MW: 70 kDa

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

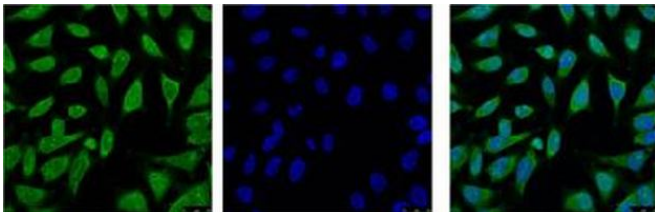
Conjugation: Unconjugated

Modification: Unmodified

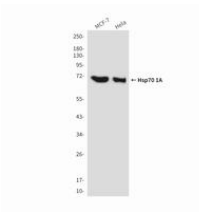
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience, Prion disease

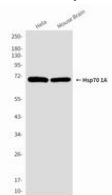
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



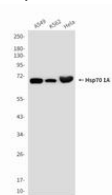
Immunofluorescence analysis of Hsp70 1A (1D9) in HeLa using Hsp70 1A (1D9) antibody (left), and DAPI (blue).



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



Western blot analysis of Hsp70 1A (1D9) in HeLa, mouse Brain lysates using Hsp70 1A (1D9) antibody.



Western blot analysis of Hsp70 1A (1D9) in A549, K562, HeLa lysates using Hsp70 1A (1D9) antibody.