

HSP70 1A (2D4) MOUSE MAB

Cat.#: N261025

Product Name: Anti-Hsp70 1A (2D4) Mouse Monoclonal Antibody

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

UNIPROT ID: P0DMV8

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: Purified recombinant human Hsp70(N-terminus) protein fragments expressed in E.coli.

Applications: WB, ICC/IF

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

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 2D4-F7-C11

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

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human

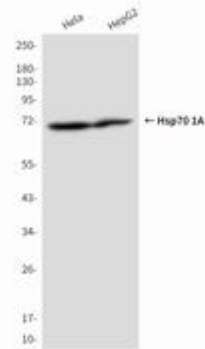
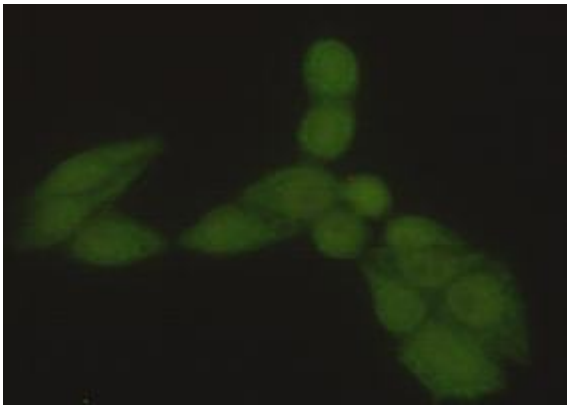
Conjugation: Unconjugated

Modification: Unmodified

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

Research Areas: Signal Transduction

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



Immunocytochemistry analysis of Hsp70 1A (2D4) in HeLa using Hsp70 (Nterminus) antibody.

Western blot analysis of Hsp70(Nterminus) in HeLa and HepG2 lysates using Hsp70(Nterminus) antibody.