

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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: PODMV8

Background: 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.

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

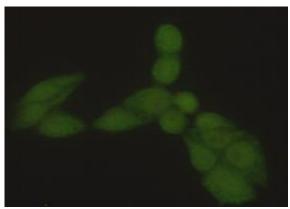
Research Areas: Signal Transduction

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

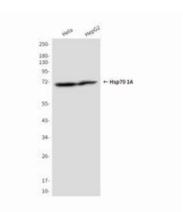


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Immunocytochemistry analysis of Hsp70 1A (2D4) in Hela using Hsp70 (Nterminus) antibody.



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