



Hsp70 1A (2D4) Mouse mAb

db6040 Package : 50μL 100μL

Product Name: Hsp70 1A (2D4) Mouse mAb

Cat.No.: db6040

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

Application: WB, ICC/IF

Reactivity : Human

Host species : Mouse

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 Ill 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

Gene ID 3303

Swiss Prot P0DMV8

Synonyms HSP72; HSPA1; HSP70l; HSPA1B; HSP70-1; HSP70-1A

Reactivity Human

Application WB, ICC/IF

Recommended dilution WB: 1:500-1:1000

ICC/IF: 1:50-1:200

Calculated MW 70 kDa

Observed MW 70 kDa

Host species Mouse

Clonality Monoclonal

Clonality No. 2D4-F7-C11

Isotype IgG1

Purity Affinity Purification

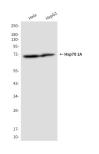
Conjugation Un-conjugated



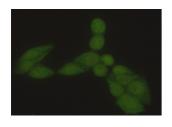


Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



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



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