

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 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

Gene ID

3303

Swiss Prot

P0DMV8

Synonyms

HSP72; HSPA1; HSP70I; 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.