

## 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

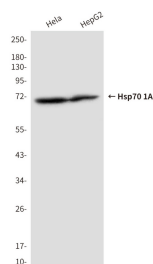
**Conjugation**

Un-conjugated

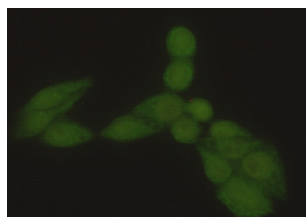
## Storage Stability

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.