

Product Datasheet

Hsp70 Antibody

Catalog No: CY5730

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB,IHC,ICC/IF,IP,FC



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Information

UniProt ID: P0DMV8/P0DMV9

All Names: Heat shock 70 kDa protein 1; Heat shock 70 kDa protein 1/2; Heat shock 70 kDa protein 1A; Heat shock 70 kDa protein 1A/1B; Heat shock 70kDa protein 1B; Heat shock induced protein; HEL S 103; HSP70 1; HSP70 1A; HSP70 1B; HSP70 2; HSP70-1; HSP70-1/HSP70-2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 70kDa

Application

WB 1:500~1:2000

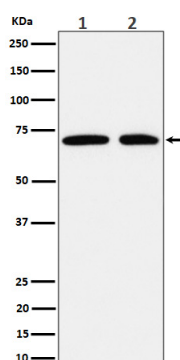
IHC 1:50~1:200

ICC/IF 1:50~1:200

IP 1:50 FC 1:50

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.



Western blot analysis of Hsp70 expression in (1) HeLa cell lysate; (2) MCF7 cell lysate.

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