

Product Datasheet

Hsp70 Antibody

Catalog No: CY5496

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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Information

UniProt ID: P0DMV8/P0DMV9

All Names: HSPA1; HSP70-1; HSP70-2; HSPA1A; HS71A; HS71B; HSPA1A; HSPA1B;

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.: 70 kDa

Application

WB: 1:500~1:2000

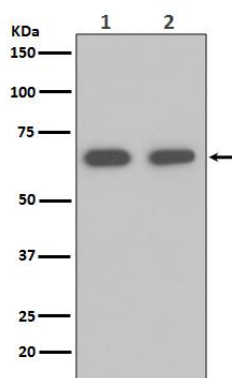
IHC: 1:100~1:500

ICC/IF: 1:50~1:100

FC: 1:100

Background

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. 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) K562 cell lysate; (2) 293T cell lysate.

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