

# Hspa1b Antibody



PACO27461

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## Product Information

**Size:**

50ug

**Reactivity:**

Mouse, Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:2000

**Protein Background:**

In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage. Essential for STUB1-mediated ubiquitination and degradation of FOXP3 in regulatory T-cells (Treg) during inflammation.

**Gene ID:**

Hspa1b

**Uniprot**

P17879

**Synonyms:**

Heat shock 70 kDa protein 1B (Heat shock 70 kDa protein 1) (HSP70.1), Hspa1b, Hcp70.1 Hsp70-1 Hsp70a1 Hspa1

**Immunogen:**

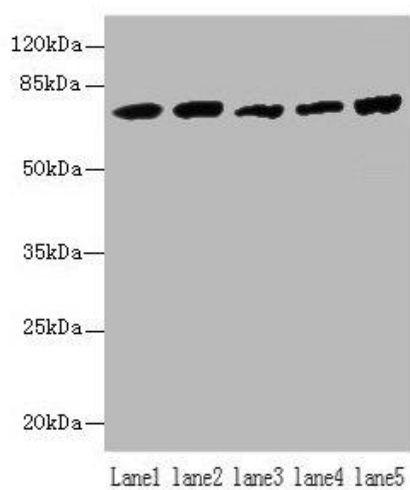
Recombinant Mouse Heat shock 70 kDa protein 1B protein (2-642AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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### Western blot

All lanes: Hspa1b antibody at 5 $\mu$ g/ml

Lane 1: A431 whole cell lysate

Lane 2: A549 whole cell lysate

Lane 3: Jurkat whole cell lysate

Lane 4: MCF-7 whole cell lysate

Lane 5: K562 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 71 kDa

Observed band size: 71 kDa