

## Rabbit anti-Mouse, Human Hspa1b Polyclonal Antibody | anti-Hspa1b antibody

Hspa1b Antibody, HRP conjugated

|                               |                       |                                   |                              |
|-------------------------------|-----------------------|-----------------------------------|------------------------------|
| CATALOG #<br><b>AAA118668</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Mouse, Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|-----------------------|-----------------------------------|------------------------------|

### PRODUCT SYNONYMS

Hspa1b; Polyclonal Antibody; Hspa1b Antibody; HRP conjugated; Heat shock 70 kDa protein 1B; Hcp70.1; Hsp70-1; Hsp70a1; Hspa1; Heat shock 70 kDa protein 1; HSP70.1; anti-Hspa1b antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                         |
| Reactivity                                       | Mouse, Human                                                                                                   |
| Clonality                                        | Polyclonal                                                                                                     |
| Isotype                                          | IgG                                                                                                            |
| Purity/Purification                              | >95%, Protein G Purified                                                                                       |
| Sequence Length                                  | 642                                                                                                            |
| Applicable Applications for anti-Hspa1b antibody | ELISA                                                                                                          |
| Storage Buffer                                   | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                               |
| Conjugate                                        | HRP                                                                                                            |
| Immunogen                                        | Recombinant mouse Heat shock 70 kDa protein 1B protein                                                         |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Hspa1b antibody | 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. |
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### NCBI AND UNIPROT INFORMATION

|                           |                        |
|---------------------------|------------------------|
| NCBI GI #                 | 124339826              |
| NCBI GeneID               | 15511                  |
| NCBI Accession #          | NP_034608.2            |
| NCBI GenBank Nucleotide # | NM_010478.2            |
| UniProt Accession #       | P17879; Q61689; Q925V6 |
| Molecular Weight          | 70,176 Da              |

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI Official Full Name          | heat shock 70 kDa protein 1B              |
| NCBI Official Synonym Full Names | heat shock protein 1B                     |
| NCBI Official Symbol             | Hspa1b                                    |
| NCBI Official Synonym Symbols    | Hsp70; hsp68; Hsp70-1; Hsp70.1            |
| NCBI Protein Information         | heat shock 70 kDa protein 1B              |
| UniProt Protein Name             | Heat shock 70 kDa protein 1B              |
| UniProt Gene Name                | <b>Hspa1b</b>                             |
| UniProt Synonym Gene Names       | Hcp70.1; Hsp70-1; Hsp70a1; Hspa1; HSP70.1 |
| UniProt Entry Name               | HS71B_MOUSE                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hspa1b-antibody-elisa/118668>