

# ABflo® 647 Rabbit anti-Human DNAJB1/HSP40 mAb

Catalog NO.: A25528

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

27kDa/38kDa

### Category

Monoclonal Antibodies

### Applications

FC (intra)

### Cross-Reactivity

Human

### Conjugation

ABflo® 647. Ex:648nm. Em:664nm.

### Clone number

ARC62654

## Background

This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of proteins. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent misfolded protein aggregation. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**FC (intra)**    5 µl per 10<sup>6</sup> cells in 100 µl volume

## Immunogen Information

### Gene ID

3337

### Swiss Prot

P25685

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

Hdj1; Sis1; HSPF1; Hsp40; RSPH16B

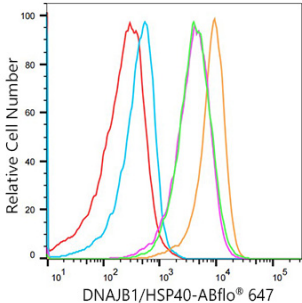
## Contact

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

| Source                                                                                                                            | Isotype | Purification          |
|-----------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------|
| Rabbit                                                                                                                            | IgG     | Affinity purification |
| <b>Storage</b>                                                                                                                    |         |                       |
| Store at 2-8°C. Avoid freeze.                                                                                                     |         |                       |
| Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. |         |                       |

Validation Data



Flow cytometry: 1X10^6 293T-DNAJB1/HSP40-shRNA-1 cells (pink line)、 293T-DNAJB1/HSP40-shRNA-2 cells (green line) and 293T-scramble cells (orange line) were intracellularly-stained with ABflo® 647 Rabbit anti-Human DNAJB1/HSP40 mAb (A25528,5 µl/Test) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

