

A25527

Leader in Biomolecular Solutions for Life Science



ABflo® 488 Rabbit anti-Human DNAJB1/HSP40 mAb

Catalog No.: A25527

Basic Information

Observed MW

Refer to figures

Calculated MW

27kDa/38kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC62654-ABflo488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

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 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

3337

Swiss Prot

P25685

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 241-340 of human DNAJB1/HSP40 (NP_006136.1).

Synonyms

Hdj1; Sis1; HSPF1; Hsp40; RSPH16B

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

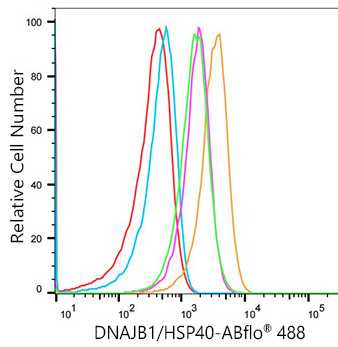
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10⁶ 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® 488 Rabbit anti-Human DNAJB1/HSP40 mAb (A25527,5 µl/Test) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).