

ARG56939 anti-Hsp 40 antibody [k1C7]

Package: 50 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Mouse Monoclonal antibody [k1C7] recognizes Hsp 40 |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | k1C7 |
| Isotype | IgG2a, kappa |
| Target Name | Hsp 40 |
| Species | Human |
| Immunogen | Recombinant fragment around aa. 1-340 of Human Hsp40. |
| Conjugation | Un-conjugated |
| Alternate Names | Hsp40; HSP40; DnaJ protein homolog 1; hDj-1; HSPF1; Human DnaJ protein 1; Hdj1; RSPH16B; Heat shock 40 kDa protein 1; DnaJ homolog subfamily B member 1; Heat shock protein 40; Sis1 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|-----------------|
| | WB | 1:1000 - 1:2000 |

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

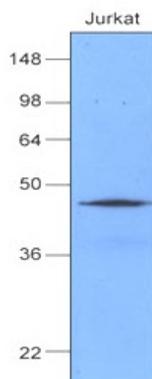
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Purification with Protein G. |
| Buffer | PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 10% Glycerol |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

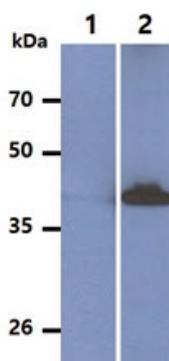
| | |
|----------------|--|
| Database links | GeneID: 3337 Human Swiss-port # P25685 Human |
| Gene Symbol | DNAJB1 |
| Gene Full Name | DnaJ (Hsp40) homolog, subfamily B, member 1 |
| Background | This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of proteins. DNAJ family 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. [provided by RefSeq, Sep 2015] |
| Function | Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP. [UniProt] |
| Calculated Mw | 38 kDa |

Images



ARG56939 anti-Hsp 40 antibody [k1C7] WB image

Western blot: 50 µg of Jurkat cell lysate stained with ARG56939 anti-Hsp 40 antibody [k1C7] at 1:1000.



ARG56939 anti-Hsp 40 antibody [k1C7] WB image

Western blot: 40 µg of 1) 293T cell lysate, 2) HSP40 Transfected 293T cell lysates stained with ARG56939 anti-Hsp 40 antibody [k1C7] at 1:1000.