

Mouse DNAJB1 Monoclonal Antibody | anti-DNAJB1 antibody

DNAJB1 antibody

CATALOG # AAA74838	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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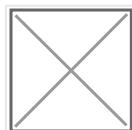
PRODUCT SYNONYMS

DNAJB1; Monoclonal Antibody; DNAJB1 antibody; Monoclonal DNAJB1; Anti-DNAJB1; Dnaj; Hsp40 Homolog Subfamily B 1; HSPF1; Hdj1; Hsp40; Sis1; DNAJB 1; DNAJB-1; anti-DNAJB1 antibody

PRODUCT SPECIFICATIONS

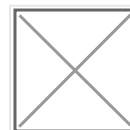
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1B12
Purity/Purification	DNAJB1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	340
Applicable Applications for anti-DNAJB1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	DNAJB1 interacts with HSP70 and can stimulate its ATPase activity. It stimulates the association between HSC70 and HIP.
Cross-Reactivity	Human
Immunogen	DNAJB1 antibody was raised in mouse using a full length recombinant protein of human DNAJB1 (NP_006136) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant DNAJB1 protein using DNAJB1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DNAJB1 protein (Right) or empty vector (Left) detected with DNAJB1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DNAJB1 antibody	Mouse monoclonal DNAJB1 antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453690
NCBI GeneID	3337
NCBI Accession #	NP_006136
NCBI GenBank Nucleotide #	NM_006145.1
UniProt Accession #	P25685; B4DX52
Molecular Weight	27,016 Da
NCBI Official Full Name	dnaJ homolog subfamily B member 1 isoform 1
NCBI Official Synonym Full Names	DnaJ (Hsp40) homolog, subfamily B, member 1
NCBI Official Symbol	DNAJB1
NCBI Official Synonym Symbols	Hdj1; Sis1; HSPF1; Hsp40; RSPH16B
NCBI Protein Information	dnaJ homolog subfamily B member 1
UniProt Protein Name	DnaJ homolog subfamily B member 1
UniProt Gene Name	DNAJB1
UniProt Synonym Gene Names	DNAJ1; HDJ1; HSPF1; HSP40; Heat shock protein 40; hDj-1
UniProt Entry Name	DNJB1_HUMAN

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://stage.aaabiotech.com/monoclonal/dnajb1-antibody-clone-1b12-western-blot-immunofluorescence-flow-cytometry-elisa/74838>