Mouse DNAJA2 Monoclonal Antibody | anti-DNAJA2 antibody

DNAJA2 antibody

CATALOG #	HOST	APPLICATIONS
AAA106255	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

DNAJA2; Monoclonal Antibody; DNAJA2 antibody; Monoclonal DNAJA2; Anti-DNAJA2; Dnaj; Hsp40 Homolog Subfamily A 2; CPR3; DJA2; DNAJ; DNJ3; HIRIP4; PRO3015; RDJ2; DNAJA 2; DNAJA-2; anti-DNAJA2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3H10
Purity/Purification	DNAJA2 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	412
Applicable Applications for anti-DNAJA2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	DNAJA2 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain.
Cross-Reactivity	Human, Dog, Rat, Monkey
Immunogen	DNAJA2 antibody was raised in mouse using a full length recombinant protein of human DNAJA2 (NP_005871) 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 DNAJA2 protein using DNAJA2 antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of DNAJA2 protein in paraffin embedded Carcinoma of Human lung tissue using DNAJA2 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DNAJA2 protein (Right) or empty vector (Left) detected with DNAJA2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DNAJA2 antibody	Mouse monoclonal DNAJA2 antibody
Product Categories/Family for anti-DNAJA2 antibody	Protein Modification & Stress Response

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031741
NCBI GeneID	10294
NCBI Accession #	NP_005871
NCBI GenBank Nucleotide #	NM_005880.3
UniProt Accession #	O60884; O14711; B2R7L7
Molecular Weight	45,746 Da
NCBI Official Full Name	dnaJ homolog subfamily A member 2
NCBI Official Synonym Full Names	DnaJ (Hsp40) homolog, subfamily A, member 2
NCBI Official Symbol	DNAJA2
NCBI Official Synonym Symbols	DJ3; CPR3; DJA2; DNAJ; DNJ3; RDJ2; HIRIP4; PRO3015
NCBI Protein Information	dnaJ homolog subfamily A member 2
UniProt Protein Name	DnaJ homolog subfamily A member 2
UniProt Gene Name	**DNAJA2**
UniProt Synonym Gene Names	CPR3; HIRIP4; Dj3
UniProt Entry Name	DNJA2_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/dnaja2-antibody-clone-3h10-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106255