



DNAJA1 mouse mAb

Catalog No	BYmab-18062
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DNAJA1 DNAJ2 HDJ2 HSJ2 HSPF4
Protein Name	DnaJ homolog subfamily A member 1 (DnaJ protein homolog 2) (HSDJ) (Heat shock 40 kDa protein 4) (Heat shock protein J2) (HSJ-2) (Human DnaJ protein 2) (hDj-2)
Immunogen	Synthesized peptide derived from human DNAJA1
Specificity	This antibody detects endogenous levels of DNAJA1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	44kD
Cell Pathway	Membrane ; Lipid-anchor . Cytoplasm . Microsome . Nucleus . Cytoplasm, perinuclear region . Mitochondrion . Primarily associated with microsomes. A minor proportion is associated with mitochondria (By similarity). Primarily cytoplasmic. A minor proportion is associated with nuclei. .
Tissue Specificity	Ubiquitous. Isoform 2 is highly expressed in testis and lung, but detected at low levels in thymus, prostate, colon and liver.
Function	Co-chaperone for HSPA8/Hsc70 . Stimulates ATP hydrolysis, but not the folding of unfolded proteins mediated by HSPA1A (in vitro) . Plays a role in protein transport into mitochondria via its role as co-chaperone. Functions as co-chaperone for HSPA1B and negatively regulates the translocation of BAX from the cytosol to mitochondria in response to cellular stress, thereby protecting cells against apoptosis . Promotes apoptosis in response to cellular stress mediated by exposure to anisomycin or UV .

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Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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