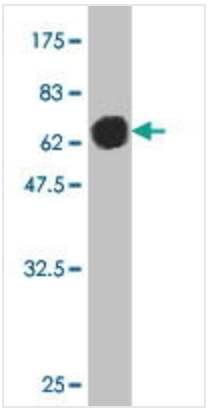
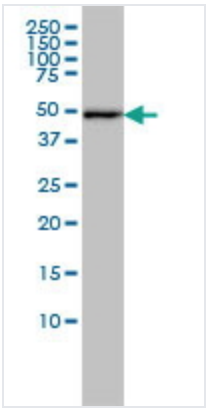
DNAJA2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

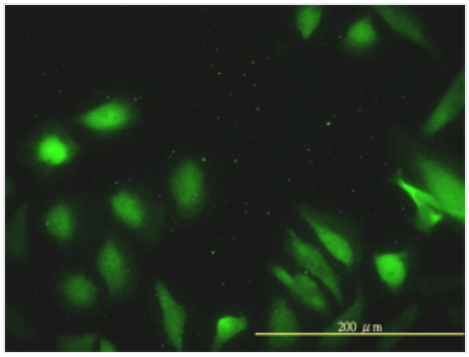
Product Name	DNAJA2, Monoclonal Antibody
Full Product Name	DNAJA2 (CPR3, HIRIP4, DnaJ Homolog Subfamily A Member 2, Cell Cycle Progression Restoration Gene 3 Protein, Dnj3, HIRA-interacting Protein 4,
Product Gene Name	anti-DNAJA2 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2A11-F2
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human DNAJA2.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Molecular Weight	45,746 Da
Immunogen	Full length recombinant corresponding to aa1-412 from DNAJA2 (AAH13044) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MANVADTKLYDILGVPPGASENELKKAYRKLAKEYHPDKNPNAGDKFKEISFAYEVLSNPEKRELYDRYGEQGLREGSGGGGGMDDIFSHIFGGGLFGFM
Conjugate	FITC
Product Categories/Family for anti-DNAJA2 antibody	Antibodies; Heat Shock Proteins
Applications Tested/Suitable for anti-DNAJA2 antibody	ELISA (EIA), Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-DNAJA2 antibody	IF: 10ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-DNAJA2 antibody	MBS6146877 is an antibody targeting DNAJA2. Also known as DNAJA2 (CPR3, HIRIP4, DnaJ Homolog Subfamily A Member 2, Cell Cycle Progressio
Other Notes	Small volumes of anti-DNAJA2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece



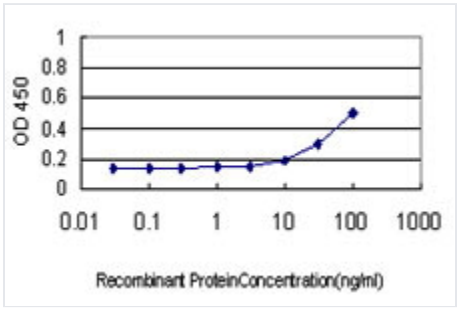
Western Blot (WB) of anti-DNAJA2 antibody
Western Blot detection against Immunogen (71.43kD).



Western Blot (WB) of anti-DNAJA2 antibody
DNAJA2 monoclonal antibody Western Blot analysis of DNAJA2 expression in A-431.



Immunofluorescence (IF) of anti-DNAJA2 antibody
Immunofluorescence of monoclonal antibody to DNAJA2 on HeLa cell. [antibody concentration 10ug/ml]



Testing Data of anti-DNAJA2 antibody
Detection limit for recombinant GST tagged DNAJA2 is ~3ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DNAJA2. It may not necessarily be applicable to this product.

NCBI GI #	33870647
NCBI GeneID	10294
NCBI Accession #	BC013044
NCBI Related Accession #	AAH13044
UniProt Secondary Accession #	O14711; B2R7L7
UniProt Related Accession #	O60884
NCBI Official Full Name	Homo sapiens DnaJ (Hsp40) homolog, subfamily A, member 2, mRNA
NCBI Official Synonym Full Names	DnaJ heat shock protein family (Hsp40) member A2
NCBI Official Symbol	DNAJA2
NCBI Official Synonym Symbols	DJ3; CPR3; DJA2; DNAJ; DNJ3; RDJ2; HIRIP4; PRO3015
Protein Family	DnaJ homolog subfamily
NCBI Protein Information	dnaJ homolog subfamily A member 2
NCBI Summary for DNAJA2	The protein encoded by this gene 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. The product of this gene works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro. [provided by RefSeq, Jul 2008]

Research Articles on DNAJA2	**1.** we combined the Hsp70-NEF pairs with cochaperones of the J protein family (DnaJA1, DnaJA2, DnaJB1, and DnaJB4) to generate 16 permutations.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/dnaja2/6146877