

Datasheet: VMA00274

BATCH NUMBER 171699

Description:	MOUSE ANTI DNAJA2
Specificity:	DNAJA2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI3A11
Isotype:	IgG2a
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Learn about [how we validate our PrecisionAb range](#). Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Mouse monoclonal antibody purified by affinity chromatography from tissue culture supernatant

Buffer Solution

Phosphate buffered saline.

Preservative

0.09% Sodium Azide (NaN₃)

Stabilisers	1% Bovine Serum Albumin 25% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Full length recombinant human DNAJA2 (NP_005871) produced in HEK293T cells
External Database Links	<p>UniProt: O60884 Related reagents</p> <p>Entrez Gene: 10294 DNAJA2 Related reagents</p>
Synonyms	CPR3, HIRIP4
Specificity	<p>Mouse anti Human DNAJA2 antibody, clone OTI3A11 recognizes the DnaJ homolog subfamily A member 2, also known as HIRA interacting protein 4, HIRA-interacting protein 4, cell cycle progression 3 protein, cell cycle progression restoration gene 3 protein, dnaJ homolog subfamily A member 2 and renal carcinoma antigen NY-REN-14.</p> <p>Encoded by DNAJA2 gene, DnaJ homolog subfamily A member 2 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 DNAJA2 works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human DNAJA2 antibody, clone OTI3A11 detects a band of 46 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti DNAJA2 detects a band of approximately 46 kDa in HEK293 cell lysates.
Storage	This product is shipped at ambient temperature. Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10048 available at: https://www.bio-rad-antibodies.com/SDS/VMA00274
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M445883:250925'

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