

Datasheet: VMA00274

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human DNAJA2 (NP_005871) produced in HEK293T cells
External Database Links	UniProt: O60884 Related reagents Entrez Gene: 10294 DNAJA2 Related reagents

Synonyms	CPR3, HIRIP4
Specificity	Mouse anti Human DNAJA2 antibody 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. 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). Mouse anti Human DNAJA2 antibody detects a band of 46 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti DNAJA2 detects a band of approximately 46 kDa in HEK293 cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
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 \(MCA929\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

'M284580:160321'

Printed on 02 May 2018