

Datasheet: VMA00987

BATCH NUMBER 100006566

Description:	MOUSE ANTI HUMAN DNM2
Specificity:	DNM2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB02/4E12
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
Immunoprecipitation	▪			2.5 µg
Western Blotting	▪			1/2000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn 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: Rat, Mouse

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

Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant protein, aa 519-870 of human DNM2
External Database Links	<p>UniProt: P50570 Related reagents</p> <p>Entrez Gene: 1785 DNM2 Related reagents</p>
Synonyms	DYN2
Specificity	<p>Mouse anti Human DNM2 antibody recognizes dynamin 2.</p> <p>DNM2 is a ubiquitously expressed large GTPase that plays a role in a number of cellular functions, including membrane trafficking and cytoskeleton regulation. Heterozygous mutations in the <i>DNM2</i> gene are associated with two tissue-specific diseases that affect peripheral nerves, Charcot-Marie-Tooth disease (CMT) and autosomal dominant centronuclear myopathy (CNM) (Muñoz et al. 2019).</p>
Western Blotting	Mouse anti Human DNM2 antibody detects a band of 101 kDa in K562 cell lysates
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00987 10040
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

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

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

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