

Datasheet: VMA00065

Description:	MOUSE ANTI C9orf72
Specificity:	C9orf72
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	B01-5F2
Isotype:	IgG1
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. 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: 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 from serum free cell culture supernatant by Protein G column.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃).

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Synthetic peptide of human C9orf72
External Database Links	<p>UniProt: Q96LT7 Related reagents</p> <p>Entrez Gene: 203228 C9orf72 Related reagents</p>
Specificity	<p>Mouse anti Human C9orf72 antibody, clone B01-5F2 recognizes the protein C9orf72</p> <p>Expansion of a hexanucleotide repeat in non-coding sequence between alternate 5' exons in transcripts from C9orf72 is associated with 9p-linked ALS (amyotrophic lateral sclerosis) and FTD (frontotemporal dementia) (PMID: 21944778, 21944779). Multiple transcript variants encoding different isoforms have been found for C9orf72. (provided by RefSeq, Dec 2011).</p> <p>Mouse anti Human C9orf72 antibody detects a band of 54 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti C9orf72 detects a band of approximately 54 kDa in HEK293 cell lysates.
References	1. Liu, Y. <i>et al.</i> (2018) A C9orf72-CARM1 axis regulates lipid metabolism under glucose starvation-induced nutrient stress. Genes Dev. 32 (21-22): 1380-97.
Storage	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 #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00065 Antibody (10040)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

North & South Tel: +1 800 265 7376

America 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

'M429333:240410'

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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