

Datasheet: VMA00065

**BATCH NUMBER 168480**

<b>Description:</b>	MOUSE ANTI C9orf72
<b>Specificity:</b>	C9orf72
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	B01-5F2
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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

0.09% Sodium Azide (NaN<sub>3</sub>).

## Stabilisers

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**Approx. Protein Concentrations** IgG concentration 0.5 mg/ml.

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**Immunogen** Synthetic peptide of human C9orf72

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## External Database Links

### UniProt:

[Q96LT7](#) [Related reagents](#)

### Entrez Gene:

[203228](#) C9orf72 [Related reagents](#)

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**Specificity** **Mouse anti Human C9orf72 antibody, clone B01-5F2** recognizes the protein C9orf72

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).

Mouse anti Human C9orf72 antibody detects a band of 54 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti C9orf72 detects a band of approximately 54 kDa in HEK293 cell lysates.

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**References** 1. Liu, Y. *et al.* (2018) A C9orf72-CARM1 axis regulates lipid metabolism under glucose starvation-induced nutrient stress. [Genes Dev. 32 \(21-22\): 1380-97.](#)

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles

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**Guarantee** 12 months from date of despatch.

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00065>  
Antibody (10040)

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**Regulatory** For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

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

### Recommended Negative Controls

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

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

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