

Datasheet: VMA00146

BATCH NUMBER 240615

Description:	MOUSE ANTI COMMD1
Specificity:	COMMD1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI3B3
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
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites.
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human COMMD1 (NP_689729) produced in HEK293T cells

**External Database
Links**

UniProt:

[Q8N668](#) [Related reagents](#)

Entrez Gene:

[150684](#) [COMMD1](#) [Related reagents](#)

Synonyms

C2orf5, MURR1

Specificity

Mouse anti Human COMMD1 antibody recognizes COMMD1, also known as COMM domain-containing protein 1, copper metabolism gene MURR1 and protein Murr1. COMMD1 is a regulator of copper homeostasis, sodium uptake, and NF-kappa-B signaling ([de Bie *et al.* 2005](#)).

Mouse anti Human COMMD1 antibody detects a band of 21 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti COMMD1 detects a band of approximately 21 kDa in K562 cell lysates.

Further Reading

1. de Bie P *et al.* (2005) The many faces of the copper metabolism protein MURR1/COMMD1. [J Hered. 96 \(7\): 803-11.](#)

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 #10048 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00146>
Antibody (10048)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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