

Datasheet: VMA00440

Description:	MOUSE ANTI FERMT3
Specificity:	FERMT3
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI2G2
Isotype:	IgG2b
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

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 by affinity chromatography from ascites

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
1% Bovine Serum Albumin

50% Glycerol

Immunogen Recombinant protein fragment corresponding to aa 259-528 of human FERMT3 (NP_113659) produced in *E. coli*

External Database Links

UniProt:

[Q86UX7](#) [Related reagents](#)

Entrez Gene:

[83706](#) FERMT3 [Related reagents](#)

Synonyms KIND3, MIG2B, URP2

Specificity **Mouse anti Human FERMT3 antibody** recognizes FERMT3, also known as MIG2-like protein, UNC-112 related protein 2, fermitin family homolog 3, kindlin 3, KIND3, unc-112-related protein 2 and URP2.

Kindlins are a small family of proteins that mediate protein-protein interactions involved in integrin activation and thereby have a role in cell adhesion, migration, differentiation, and proliferation. The protein encoded by the FERMT3 gene has a key role in the regulation of hemostasis and thrombosis. This protein may also help maintain the membrane skeleton of erythrocytes. Mutations in FERMT3 cause the autosomal recessive leukocyte adhesion deficiency syndrome-III (LAD-III). Alternative splicing results in multiple transcript variants encoding distinct isoforms (provided by RefSeq, Jan 2010).

Mouse anti Human FERMT3 antibody detects a band of 75 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti FERMT3 detects a band of approximately 75 kDa in RAW 264.7 cell lysates

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: 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 IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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March

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