

Datasheet: VMA00128

Description:	MOUSE ANTI FHL1
Specificity:	FHL1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OT12E11
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 N.B. Antibody reactivity and working conditions may vary between species.
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 (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human FHL1 (NP_001440) produced in HEK293T cells
External Database Links	UniProt: Q13642 Related reagents Entrez Gene:

Synonyms	SLIM1
-----------------	-------

Specificity	<p>Mouse anti Human FHL1 antibody recognizes FHL1, also known as LIM protein SLIMMER, four and a half LIM domains protein 1, four-and-a-half Lin11, Isl-1 and Mec-3 domains 1 and skeletal muscle LIM-protein 1.</p> <p>The FHL1 gene encodes a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. Expression of these family members occurs in a cell- and tissue-specific mode and these proteins are involved in many cellular processes. Mutations in FHL1 have been found in patients with Emery-Dreifuss muscular dystrophy. Multiple alternately spliced transcript variants which encode different protein isoforms have been described (provided by RefSeq, Nov 2009).</p> <p>Mouse anti Human FHL1 antibody detects a band of 32 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
--------------------	---

Western Blotting	Anti FHL1 detects a band of approximately 32 kDa in HEK293 cell lysates.
-------------------------	--

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

Guarantee	As supplied, 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 IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

'M358229:190911'

Printed on 11 Oct 2019