

Datasheet: VMA00322

**BATCH NUMBER 151204**

<b>Description:</b>	MOUSE ANTI FILAMIN-A
<b>Specificity:</b>	FILAMIN-A
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse <b>N.B.</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.
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody prepared by affinity chromatography on Protein G from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )

<b>Immunogen</b>	Purified His-tagged filamin-A
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P21333</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">2316</a> FLNA <a href="#">Related reagents</a>
<b>Synonyms</b>	FLN, FLN1
<b>Specificity</b>	<p><b>Mouse anti Human filamin-A antibody</b> recognizes filamin-A, also known as actin binding protein 280, alpha-filamin, endothelial actin-binding protein, filamin-1 and non-muscle filamin.</p> <p>Filamin-A, encoded by FLNA gene, is an actin-binding protein that crosslinks actin filaments and links actin filaments to membrane glycoproteins. This protein is involved in remodeling the cytoskeleton to effect changes in cell shape and migration. Filamin-A interacts with integrins, transmembrane receptor complexes, and second messengers. Defects in the FLNA gene are a cause of several syndromes, including periventricular nodular heterotopias (PVNH1, PVNH4), otopalatodigital syndromes (OPD1, OPD2), frontometaphyseal dysplasia (FMD), Melnick-Needles syndrome (MNS), and X-linked congenital idiopathic intestinal pseudoobstruction (CIIPX). Two transcript variants encoding different isoforms have been found for FLNA (provided by RefSeq, Mar 2009).</p> <p>Mouse anti Human filamin-A antibody detects a band of 280 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti filamin-A detects a band of approximately 280 kDa in HeLa cell lysates
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00322">https://www.bio-rad-antibodies.com/SDS/VMA00322</a> Antibody (10040)
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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)

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