

## Datasheet: VMA00436

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | MOUSE ANTI EPLIN       |
| <b>Specificity:</b>  | EPLIN                  |
| <b>Format:</b>       | Purified               |
| <b>Product Type:</b> | PrecisionAb Monoclonal |
| <b>Clone:</b>        | OTI9F3                 |
| <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>Product Form</b>             | Purified IgG - liquid   |
| <b>Preparation</b>              | Mouse monoclonal antibody purified by affinity chromatography from ascites.                                 |
| <b>Buffer Solution</b>          | Phosphate buffered saline.  |
| <b>Preservative Stabilisers</b> | 0.09% Sodium Azide (NaN <sub>3</sub> )<br>1% Bovine Serum Albumin<br>50% Glycerol                           |
| <b>Immunogen</b>                | Recombinant protein fragment corresponding to aa 1-275 of human EPLIN (NP_057441) produced in <i>E.coli</i> |
| <b>External Database Links</b>  | <b>UniProt:</b>   |

**Entrez Gene:**

[51474](#) LIMA1   [Related reagents](#)

---

**Synonyms**      EPLIN, SREBP3

---

**Specificity**      **Mouse anti Human EPLIN antibody** recognizes epithelial protein lost in neoplasm (EPLIN), also known as LIM domain and actin-binding protein 1, LIMA1 and sterol regulatory element binding protein 3.

Encoded by the EPLIN / LIMA1 gene, epithelial protein lost in neoplasm is a cytoskeleton-associated protein that inhibits actin filament depolymerization and cross-links filaments in bundles. It is downregulated in some cancer cell lines. Alternatively spliced transcript variants encoding different isoforms have been described for LIMA1, and expression of some of the variants maybe independently regulated (provided by RefSeq, Aug 2011).

Mouse anti Human EPLIN antibody detects bands of 85 and 110 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

**Western Blotting**      Anti EPLIN detects bands of approximately 85 kDa and 110 kDa in HEK293 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 IgG1 NEGATIVE CONTROL \(MCA928\)](#)

**North & South America**      Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto:antibody_sales_de@bio-rad.com)

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)

'M398546:220623'

**Printed on 23 Jun 2022**

---

