

Datasheet: VMA00436

BATCH NUMBER 160322

Description:	MOUSE ANTI EPLIN
Specificity:	EPLIN
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI9F3
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	Recombinant protein fragment corresponding to aa 1-275 of human EPLIN (NP_057441) produced in <i>E.coli</i>

**External Database
Links**

UniProt:

[Q9UHB6](#) [Related reagents](#)

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:
<https://www.bio-rad-antibodies.com/SDS/VMA00436>
Antibody (10048)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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