

Datasheet: VMA00436

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant 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

Instructions For Use Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

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

Shelf Life 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 \(MCA928\)](#)

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