

## Datasheet: VMA00706

<b>Description:</b>	MOUSE ANTI LEF1
<b>Specificity:</b>	LEF1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	1866CT359.68.92.75
<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 affinity purified on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Immunogen</b>	Recombinant protein of human LEF1 (amino acids 115-283)
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9UJU2</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">51176</a>   LEF1   <a href="#">Related reagents</a></p>
<b>Fusion Partners</b>	Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line

**Specificity** **Mouse anti Human LEF1 antibody** recognizes the lymphoid enhancer-binding factor 1, also known as T cell-specific transcription factor 1-alpha and TCF1-alpha.

LEF1 encodes a transcription factor belonging to a family of proteins that share homology with the high mobility group protein-1. The protein encoded by LEF1 can bind to a functionally important site in the T-cell receptor-alpha enhancer, thereby conferring maximal enhancer activity. This transcription factor is involved in the Wnt signaling pathway, and it may function in hair cell differentiation and follicle morphogenesis. Mutations in LEF1 have been found in somatic sebaceous tumors. LEF1 has also been linked to other cancers, including androgen-independent prostate cancer. Alternative splicing results in multiple transcript variants (provided by RefSeq, Oct 2009).

Mouse anti Human LEF1 antibody detects bands of 39, 42 and 58 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Mouse anti LEF1 detects bands of approximately 39, 42 & 58 kDa in Jurkat cell lysates

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

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**Guarantee** As supplied, 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory** For research purposes only

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## 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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