

Datasheet: VMA00287KT

Description:	LIPOMA-PREFERRED PARTNER ANTIBODY WITH CONTROL LYSATE
Specificity:	LIPOMA-PREFERRED PARTNER
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Isotype:	IgG1
Quantity:	2 Westerns

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	20µl Mouse monoclonal antibody prepared by affinity chromatography on Protein G from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Purified recombinant fragment of human lipoma-preferred partner expressed in <i>E. coli</i>
External Database Links	<p>UniProt: Q93052 Related reagents</p> <p>Entrez Gene: 4026 LPP Related reagents</p>

Specificity **Mouse anti Human lipoma-preferred partner antibody** recognizes lipoma-preferred partner, also known as LIM protein.

Encodes by the LPP gene, the lipoma-preferred partner protein is a member of a subfamily of LIM domain proteins that are characterized by an N-terminal proline rich region and three C-terminal

LIM domains. Lipoma-preferred partner localizes to the cell periphery in focal adhesions and may be involved in cell-cell adhesion and cell motility. This protein also shuttles through the nucleus and may function as a transcriptional co-activator. LPP is located at the junction of certain disease related chromosomal translocations which result in the expression of chimeric proteins that may promote tumor growth. Alternate splicing results in multiple transcript variants (provided by RefSeq, Mar 2010).

Mouse anti Human lipoma-preferred partner antibody detects a band of 75 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti lipoma-preferred partner detects a band of approximately 75 kDa in HeLa cell lysates
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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.
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Lysate Composition	400µg HeLa lysate lyophilized in RIPA buffer.
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Lysate Reconstitution	- If using DDT reconstitute the lyophilized lysate with 190µl DI H ₂ O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT. - If using BME reconstitute the lyophilized lysate with 180µl DI H ₂ O, add 200µl 2x Laemmli Sample Buffer and 20µl BME. Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.
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Storage	Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles. Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.
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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 #10561 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.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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