

Datasheet: VMA00266

Description:	MOUSE ANTI LAMININ BETA 3
Specificity:	LAMININ BETA 3
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI3A2
Isotype:	IgG2a
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 Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Recombinant protein corresponding to amino acids 424-773 of human laminin beta 3 (NP_000219) produced in <i>E. coli</i>

**External Database
Links**

UniProt:

[Q13751](#) [Related reagents](#)

Entrez Gene:

[3914](#) LAMB3 [Related reagents](#)

Synonyms LAMNB1

Specificity **Mouse anti Human laminin beta 3 antibody, OTI3A2** recognizes the laminin subunit beta-3, also known as epiligrin subunit bata, kalinin B1 chain, kalinin subunit beta, kalinin-140kDa, laminin B1k chain, laminin S B3 chain, laminin subunit beta-3, laminin, beta 3 (nicein (125kD), kalinin (140kD), BM600 (125kD)), laminin-5 subunit beta, nicein subunit beta and nicein-125kDa.

Encoded by LAMB3 gene, laminin beta 3 belongs to a family of basement membrane proteins. This protein, together with an alpha and a gamma subunit, forms laminin-5. Mutations in LAMB3 cause epidermolysis bullosa junctional Herlitz type, and generalized atrophic benign epidermolysis bullosa, diseases that are characterized by blistering of the skin. Multiple alternatively spliced transcript variants that encode the same protein have been found for LAMB3 (provided by RefSeq, Jul 2008).

Mouse anti Human laminin beta 3 antibody, clone OTI3A2 detects a band of 150 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti laminin beta 3 detects a band of approximately 150 kDa in A431 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/VMA00266>
Antibody (10048)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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