

Datasheet: VMA00484

Description:	MOUSE ANTI NOTCH 3 (C-TERMINAL)
Specificity:	NOTCH 3 (C-TERMINAL)
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	487CT6.9.2
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. Learn about [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
Species Cross Reactivity	<p>Reacts with: Mouse</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from ascites.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	KLH conjugated synthetic peptide corresponding to amino acids 2291-2321 of human notch 3
External Database Links	<p>UniProt: Q9UM47 Related reagents</p> <p>Entrez Gene: 4854 NOTCH3 Related reagents</p>
Specificity	<p>Mouse anti Human notch 3 (C-Terminal) antibody recognizes notch 3, also known as neurogenic locus notch homolog protein 3.</p> <p>The NOTCH3 gene encodes the third discovered human homologue of the <i>Drosophila melanogaster</i> type I membrane protein notch. In Drosophila, notch interaction with its cell-bound ligands (delta, serrate) establishes an intercellular signaling pathway that plays a key role in neural development. Homologues of the notch ligands have also been identified in human, but precise interactions between these ligands and the human notch homologues remains to be determined. Mutations in NOTCH3 have been identified as the underlying cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL1) (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human notch 3 (C-Terminal) antibody detects bands of 90 and 270 kDa representing both cleaved and full length Notch 3. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti notch 3 (C-Terminal) detects bands of approximately 90 and 270 kDa in MCF7 cell lysate.
Storage	<p>This product is shipped at ambient temperature.</p> <p>Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p>
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00484</p>
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 \(MCA928\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M443569:250709'

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