

Datasheet: VMA00601

BATCH NUMBER 170605

Description:	MOUSE ANTI N-CADHERIN
Specificity:	N-CADHERIN
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI2G7
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
Species Cross Reactivity	Reacts with: Rat 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.
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography on Protein A from ascites
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)

Stabilisers	1% Bovine Serum Albumin <50% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	HEK293-derived full length recombinant human N-cadherin
External Database Links	UniProt: P19022 Related reagents Entrez Gene: 1000 CDH2 Related reagents
Synonyms	CDHN, NCAD
Specificity	<p>Mouse anti Human N-cadherin antibody recognizes N-cadherin, also known as N-cadherin 1, cadherin 2, calcium-dependent adhesion protein neuronal and neural cadherin.</p> <p>N-cadherin is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by CDH2 product (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human N-cadherin antibody detects a band of 140 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Mouse anti N-cadherin antibody detects a band of approximately 140 kDa in C6 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/VMA00601 Antibody (10048)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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
'M375806:210111'

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