Datasheet: VMA00152

Description:	MOUSE ANTI NEURON SPECIFIC ENOLASE
Specificity:	NEURON SPECIFIC ENOLASE
Format:	Purified
Product Type:	PrecisionAb Monoclonal
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. 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 on Protein G from ascites.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN_3).

Immunogen

Purified recombinant fragment, amino acids 251-433, of human neuron specific enolase expressed in *E. coli*

External Database Links

UniProt:

P09104 Related reagents

Entrez Gene:

Specificity	**Mouse anti Human neuron specific enolase antibody** recognizes neuron specific enolase (NSE), also known as 2-phospho-D-glycerate hydro-lyase, 2-phospho-D-glycerate hydrolyase, epididymis secretory protein Li 279, gamma-enolase and neuron specific gamma enolase. Encoded by the ENO2 gene, neuron specific enolase is one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates (provided by RefSeq, Jul 2008). Mouse anti Human neuron specific enolase antibody detects a band of 47 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti Neuron Specific Enolase detects a band of approximately 47 kDa in Jurkat 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 #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00152 Antibody (10040)
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)

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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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