

Datasheet: VMA00069

Description:	MOUSE ANTI NEURON SPECIFIC ENOLASE
Specificity:	NEURON SPECIFIC ENOLASE
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	5E2
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: Mouse

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

Purified IgG prepared by affinity chromatography on Protein G from ascites.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃).

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Native protein from brain
External Database Links	<p>UniProt: P09104 Related reagents</p> <p>Entrez Gene: 2026 ENO2 Related reagents</p>
Specificity	<p>Mouse anti Human neuron specific enolase antibody recognizes neuron specific enolase (NSE), also known as gamma-enolase, 2-phospho-D-glycerate hydro-lyase, enolase 2 and neural enolase.</p> <p>Encoded by the ENO2 gene, NSE 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).</p> <p>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.</p>
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/VMA00069 Antibody (10040)
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
'M418960:230502'

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