### 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](http://www.bio-rad-antibodies.com/protocols).

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<th>Suggested Dilution</th>
<th>Western Blotting</th>
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<td>1/1000</td>
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The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](http://www.bio-rad-antibodies.com/protocols) 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 (NaN₃)

**Immunogen**

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

**External Database Links**

UniProt: [P09104](http://www.uniprot.org/uniprot/P09104) Related reagents


**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

As supplied, 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:

### Related Products

**Recommended Secondary Antibodies**

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

**Recommended Negative Controls**

MOUSE IgG1 NEGATIVE CONTROL (MCA928)