

## Datasheet: VMA00772

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | MOUSE ANTI RALA        |
| <b>Specificity:</b>  | RALA                   |
| <b>Format:</b>       | Purified               |
| <b>Product Type:</b> | PrecisionAb Monoclonal |
| <b>Clone:</b>        | AB01/3E3               |
| <b>Isotype:</b>      | IgG2a                  |
| <b>Quantity:</b>     | 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).

|                  | 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, 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 affinity purified on Protein G from tissue culture supernatant

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide

|                                       |  |
|---------------------------------------|--|
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml  |
| <b>Immunogen</b>                      | <i>E. coli</i> -derived recombinant protein of amino acids 1-206 of human RALA   |
| <b>External Database Links</b>        | <p><b>UniProt:</b><br/> <a href="#">P11233</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">5898</a>    RALA    <a href="#">Related reagents</a></p>  |
| <b>Synonyms</b>                       | RAL  |
| <b>Specificity</b>                    | <p><b>Mouse anti Human RALA antibody</b> recognizes the Ras-related protein Ral-A, also known as RAS-like protein A, Ras family small GTP binding protein RALA, ras related GTP binding protein A and ras-related protein Ral-A.</p> <p>The product of RALA belongs to the small GTPase superfamily, Ras family of proteins. GTP-binding proteins mediate the transmembrane signaling initiated by the occupancy of certain cell surface receptors. RALA encodes a low molecular mass ras-like GTP-binding protein that shares about 50% similarity with other ras proteins (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human RALA antibody detects a band of 24 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p> |
| <b>Western Blotting</b>               | Mouse anti RALA detects a band of approximately 24 kDa in MCF7 cell lysates  |
| <b>Storage</b>                        | Store undiluted at -20°C, avoiding repeated freeze thaw cycles   |
| <b>Guarantee</b>                      | 12 months from date of despatch  |
| <b>Acknowledgements</b>               | PrecisionAb is a trademark of Bio-Rad Laboratories.  |
| <b>Health And Safety Information</b>  | Material Safety Datasheet documentation #10040 available at: Antibody (10040): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>   |
| <b>Regulatory</b>                     | For research purposes only   |

## Related Products

### Recommended Secondary Antibodies

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

### Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

'M394555:220215'

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

**Printed on 13 Jun 2022**

---

© 2022 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)