

## Datasheet: VMA00433KT

<b>Description:</b>	RALBP1 ANTIBODY WITH CONTROL LYSATE
<b>Specificity:</b>	RALBP1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI11B2
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	2 Westerns

### 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

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. 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 dependant on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	20µl Mouse monoclonal antibody purified by affinity chromatography from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 50% Glycerol
<b>Immunogen</b>	Full length recombinant human RALBP1 (NP_006779) produced in HEK293T cells
<b>External Database Links</b>	<b>UniProt:</b>

**Entrez Gene:**

[10928](#) RALBP1   [Related reagents](#)

---

<b>Synonyms</b>	RLIP1, RLIP76
-----------------	---------------

---

<b>Specificity</b>	<p><b>Mouse anti Human RALBP1 antibody</b> recognizes RALBP1, also known as 76 kDa Ral-interacting protein, RLIP1, RLIP76, DNP-SG ATPase, dinitrophenyl S-glutathione ATPase, ral-interacting protein 1 and RIP1.</p> <p>RALBP1 plays a role in receptor-mediated endocytosis and is a downstream effector of the small GTP-binding protein RAL (see RALA; MIM 179550). Small G proteins, such as RAL, have GDP-bound inactive and GTP-bound active forms, which shift from the inactive to the active state through the action of RALGDS (MIM 601619), which in turn is activated by RAS (see HRAS; MIM 190020, summary by Feig, 2003, PubMed 12888294, OMIM, Nov 2010).</p> <p>Mouse anti Human RALBP1 antibody detects a band of 95 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
--------------------	--

---

<b>Western Blotting</b>	Anti RALBP1 detects a band of approximately 95 kDa in HEK293 cell lysates
-------------------------	---

---

<b>Instructions For Use</b>	Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page.
-----------------------------	---

---

<b>Lysate Composition</b>	400µg HEK293 lysate lyophilized in RIPA buffer
---------------------------	--

---

<b>Lysate Reconstitution</b>	<p>- If using DDT reconstitute the lyophilized lysate with 190µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.</p> <p>- If using BME reconstitute the lyophilized lysate with 180µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.</p> <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p>
------------------------------	--

---

<b>Storage</b>	<p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p>
----------------	--

---

<b>Guarantee</b>	As supplied, 12 months from date of despatch
------------------	--

---

<b>Acknowledgements</b>	PrecisionAb™ is a trademark of Bio-Rad Laboratories
-------------------------	---

---

<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10048 #10561 available at: Antibody (10048): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf</a> Lysate Material (10561): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</a></p>
--------------------------------------	---

---

## Related Products

### Recommended Secondary Antibodies

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

### Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

**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)

**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)

From March 15, 2021, we will no longer supply printed datasheets with our products.  
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](http://bio-rad-antibodies.com)

'M351390:190318'

**Printed on 10 Feb 2021**

---