

Datasheet: VMA00223

**BATCH NUMBER 160202**

<b>Description:</b>	MOUSE ANTI RING1
<b>Specificity:</b>	RING1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	8C12F4
<b>Isotype:</b>	IgG1
<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 prepared by affinity chromatography on Protein G from ascites.

### Buffer Solution

Phosphate buffered saline.

### Preservative

0.09% Sodium Azide (NaN<sub>3</sub>).

## Stabilisers

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Recombinant protein corresponding to amino acids 79-263 of human RING1 expressed in <i>E. coli</i>
External Database Links	<b>UniProt:</b> <a href="#">Q06587</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">6015</a> RING1 <a href="#">Related reagents</a>
Synonyms	RNF1
Specificity	<p><b>Mouse anti Human RING1 antibody</b> recognizes the E3 ubiquitin-protein ligase RING1, also known as E3 ubiquitin-protein ligase RING1, polycomb complex protein RING1 and really interesting new gene 1 protein.</p> <p>RING1 belongs to the RING finger family, members of which encode proteins characterized by a RING domain, a zinc-binding motif related to the zinc finger domain. The gene product can bind DNA and can act as a transcriptional repressor. It is associated with the multimeric polycomb group protein complex. The gene product interacts with the polycomb group proteins BMI1, EDR1, and CBX4, and colocalizes with these proteins in large nuclear domains. It interacts with the CBX4 protein via its glycine-rich C-terminal domain. The gene maps to the HLA class II region, where it is contiguous with the RING finger genes FABGL and HKE4 (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human RING1 antibody detects a band of 54 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti RING1 detects a band of approximately 54 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: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00223">https://www.bio-rad-antibodies.com/SDS/VMA00223</a> Antibody (10040)
Regulatory	For research purposes only.

## Related Products

## Recommended Secondary Antibodies

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

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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](https://bio-rad-antibodies.com/datasheets)

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**Printed on 10 Apr 2024**

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