

Datasheet: VMA00360

**BATCH NUMBER 160322**

<b>Description:</b>	MOUSE ANTI CUL4B
<b>Specificity:</b>	CUL4B
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OT11C4
<b>Isotype:</b>	IgG2b
<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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody purified by affinity chromatography from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin 50% Glycerol
<b>Immunogen</b>	Recombinant protein fragment corresponding to aa 1-300 of human CUL4B (NP_003579) produced in <i>E.coli</i>

**External Database  
Links**

**UniProt:**

[Q13620](#)   [Related reagents](#)

**Entrez Gene:**

[8450](#)   CUL4B   [Related reagents](#)

---

**Synonyms**

KIAA0695

---

**Specificity**

**Mouse anti Human CUL4B antibody** recognizes CUL4B, also known as cullin-4B.

CUL4B is a member of the cullin family. Encoded by the CUL4B gene, cullin-4B forms a complex that functions as an E3 ubiquitin ligase and catalyzes the polyubiquitination of specific protein substrates in the cell. The protein interacts with a ring finger protein, and is required for the proteolysis of several regulators of DNA replication including chromatin licensing and DNA replication factor 1 and cyclin E. Multiple transcript variants encoding different isoforms have been found for CUL4B (provided by RefSeq, Jul 2008).

Mouse anti Human CUL4B antibody detects a band of 104 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

---

**Western Blotting**

Anti CUL4B detects a band of approximately 104 kDa in HEK293 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 #10048 available at:  
<https://www.bio-rad-antibodies.com/SDS/VMA00360>  
Antibody (10048)

---

**Regulatory**

For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

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

**North & South  
America**

Tel: +1 800 265 7376

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)

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)

'M370128:200529'

**Printed on 17 Sep 2024**