

Datasheet: VMA00335

**BATCH NUMBER 151215**

<b>Description:</b>	MOUSE ANTI CREATINE PHOSPHOKINASE
<b>Specificity:</b>	CREATINE PHOSPHOKINASE
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<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 tissue culture supernatant

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

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

<b>Immunogen</b>	Recombinant human creatine phosphokinase
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P12277</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">1152</a>    CKB    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	CKBB
<b>Specificity</b>	<p><b>Mouse anti Human creatine phosphokinase antibody</b> recognizes the creatine kinase B-type, also known as creatine kinase B chain, creatine kinase B-type, creatine kinase-B, epididymis luminal protein 211 and epididymis secretory protein Li 29.</p> <p>Encoded by the CKB gene, creatine kinase B-type is a cytoplasmic enzyme involved in energy homeostasis which reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in brain as well as in other tissues, and as a heterodimer with a similar muscle isozyme in heart. Creatine kinase B-type is a member of the ATP:guanido phosphotransferase protein family. A pseudogene of CKB has been characterized (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human creatine phosphokinase antibody detects a band of 43 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Anti creatine phosphokinase detects a band of approximately 43 kDa in HEK293 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: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00335">https://www.bio-rad-antibodies.com/SDS/VMA00335</a> Antibody (10040)
<b>Regulatory</b>	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://bio-rad-antibodies.com/datasheets)  
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