

Datasheet: VMA00540

**BATCH NUMBER 170420**

<b>Description:</b>	MOUSE ANTI COMPLEMENT C3
<b>Specificity:</b>	COMPLEMENT C3
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	AB03/3G11
<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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Rat</p> <p><b>N.B.</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.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human complement C3 (amino acids 1200 - 1663)

**External Database Links**

**UniProt:**  
[P01024](#)    [Related reagents](#)

**Entrez Gene:**  
[718](#)    C3    [Related reagents](#)

**Synonyms**            CPAMD1

**Specificity**            **Mouse anti Human complement C3 antibody** recognizes the complement C3, also known as C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1, C3a anaphylatoxin, acylation-stimulating protein cleavage product, ASP or epididymis secretory sperm binding protein Li 62p.

Complement component C3 plays a central role in the activation of complement system. Its activation is required for both classical and alternative complement activation pathways. People with C3 deficiency are susceptible to bacterial infection (provided by RefSeq, Feb 2009).

Mouse anti Human complement C3 antibody detects bands of 115 and 68 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting**    Anti complement C3 detects band of approximately 68 kDa in C6 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: <https://www.bio-rad-antibodies.com/SDS/VMA00540>  
 Antibody (10040)

**Regulatory**            For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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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