

## Datasheet: MCA6099PE

**BATCH NUMBER 168724**

<b>Description:</b>	MOUSE ANTI PIG B CELL SUBSET:RPE
<b>Specificity:</b>	B CELL SUBSET
<b>Format:</b>	RPE
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	BB6-10A10
<b>Isotype:</b>	IgM
<b>Quantity:</b>	0.1 mg

## 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
Flow Cytometry	▪			Neat - 1/5

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Pig
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<b>Product Form</b>	Purified IgM conjugated to R. Phycoerythrin (RPE) - liquid
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Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	RPE 488nm laser	496	578
	RPE 561nm laser	546	578

<b>Preparation</b>	Purified IgM prepared by combination of precipitation and chromatography techniques
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<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> ) Stabilizing agent (sucrose)
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<b>Approx. Protein Concentrations</b>	IgM concentration 0.1 mg/ml
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<b>Specificity</b>	<b>Mouse anti Pig B cell subset antibody, clone BB6-10A10</b> , appears to recognize an immature pig B cell population. Clone BB6-10A10 stains the following percentages of surface immunoglobulin (slg) positive cells in porcine lymphoid tissues: 11-15% in peripheral blood, 22-23% in mesenteric lymph nodes, 79-87% in ileal Peyer's patches, 6-17 in spleen, and 0% in thymus ( <a href="#">Boersma et al. 2001</a> ).
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul
<b>References</b>	1. Boersma, W.J. <i>et al.</i> (2001) Summary of workshop findings for porcine B-cell markers. <a href="#">Vet Immunol Immunopathol. 80 (1-2): 63-78.</a>
<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10045 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA6099PE">https://www.bio-rad-antibodies.com/SDS/MCA6099PE</a> 10045
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Useful Reagents

[MOUSE ANTI PIG CD45RA:FITC \(MCA1751F\)](#)

**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)

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Printed on 23 May 2025