

Datasheet: MCA6099PE

BATCH NUMBER 163456

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| Description: | MOUSE ANTI PIG B CELL SUBSET:RPE |
| Specificity: | B CELL SUBSET |
| Format: | RPE |
| Product Type: | Monoclonal Antibody |
| Clone: | BB6-10A10 |
| Isotype: | IgM |
| Quantity: | 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.

| | 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.

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

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| Preparation | Purified IgM prepared by combination of precipitation and chromatography techniques |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | <0.1% Sodium Azide (NaN ₃) Stabilizing agent (sucrose) |
| Approx. Protein Concentrations | IgM concentration 0.1 mg/ml |

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| Specificity | Mouse anti Pig B cell subset antibody, clone BB6-10A10 , 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 (Boersma et al. 2001). |
| Flow Cytometry | Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul |
| References | 1. Boersma, W.J. <i>et al.</i> (2001) Summary of workshop findings for porcine B-cell markers. Vet Immunol Immunopathol. 80 (1-2): 63-78. |
| Storage | 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. |
| Guarantee | Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date. |
| Health And Safety Information | Material Safety Datasheet documentation #10045 available at: https://www.bio-rad-antibodies.com/SDS/MCA6099PE10045 |
| Regulatory | For research purposes only |

Related Products

Recommended Useful Reagents

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

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|----------------------------------|---|------------------|---|---------------|---|
| North & South America | Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: 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 | Europe | Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com |
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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://www.bio-rad-antibodies.com/datasheets)
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