

Datasheet: MCA6099PE

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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 |
| Preparation | Purified IgM prepared by combination of precipitation and chromatography techniques | | |
| Buffer Solution | Phosphate buffered saline | | |
| Preservative | 0.1% Sodium Azide (NaN ₃) | | |
| Stabilisers | <10% Sucrose | | |
| Approx. Protein Concentrations | IgM concentration 0.1 mg/ml | | |
| 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](#)).

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|--------------------------------------|---|
| Flow Cytometry | Use 10ul of the suggested working dilution to label 1×10^6 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 until date of expiry. Please see product label. |
| Health And Safety Information | Material Safety Datasheet documentation #10331 available at: 10331: https://www.bio-rad-antibodies.com/uploads/MSDS/10331.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Useful Reagents

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

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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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