

Datasheet: MCA6099GA

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| Description: | MOUSE ANTI PIG B CELL SUBSET |
| Specificity: | B CELL SUBSET |
| Format: | Purified |
| 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 |

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 - liquid |
| Preparation | Purified IgM prepared by combination of precipitation and chromatography techniques |
| Buffer Solution | Borate buffered saline |
| Preservative Stabilisers | <0.1% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | IgM concentration 0.5 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 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. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | Material Safety Datasheet documentation #10077 available at: https://www.bio-rad-antibodies.com/SDS/MCA6099GA 10077 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgM (STAR138...) [Alk. Phos.](#)
 Human Anti Mouse IgM (HCA040...) [FITC](#)
 Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgM NEGATIVE CONTROL \(MCA692\)](#)

Recommended Useful Reagents

[MOUSE ANTI PIG CD45RA \(MCA1751GA\)](#)

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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
 'M392060:211020'

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