

Datasheet: MCA6100PE

BATCH NUMBER 158779

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| Description: | MOUSE ANTI PIG MONOCYTE/GRANULOCYTE:RPE |
| Specificity: | MONOCYTE/GRANULOCYTE |
| Other names: | CD172a, SWC3a |
| Format: | RPE |
| Product Type: | Monoclonal Antibody |
| Clone: | 74-22-15 |
| Isotype: | IgG1 |
| 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 IgG 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 IgG prepared by combination of precipitation and chrom | | |
| Buffer Solution | Phosphate buffered saline | | |
| Preservative | 0.1% Sodium Azide (NaN ₃) | | |
| Stabilisers | <10% Sucrose | | |
| Approx. Protein | IgG concentration 0.1 mg/ml | | |

Concentrations

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|-------------------------------|--|
| Immunogen | Fresh dd miniature swine thymocytes |
| Specificity | Mouse anti Pig Monocyte/Granulocyte antibody, clone 74-22-15 , recognizes 90% of pig monocytes and granulocytes, in addition to 5% of lymphocytes, in peripheral blood. Studies have reported that clone 74-22-15 recognizes CD172a, similarly to clone BL1H7 (Haverson <i>et al.</i> 1994). CD172a/SWC3a is expressed on monocytes, dendritic cells, and granulocytes. |
| Flow Cytometry | Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul |
| 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: https://www.bio-rad-antibodies.com/SDS/MCA6100PE 10331 |
| Regulatory | For research purposes only |

Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:RPE \(MCA928PE\)](#)

Recommended Useful Reagents

[MOUSE ANTI PIG CD14:FITC \(MCA1218F\)](#)

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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
'M350431:190307'

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