

## Datasheet: MCA2185PE

<b>Description:</b>	MOUSE ANTI HUMAN CD14:RPE
<b>Specificity:</b>	CD14
<b>Format:</b>	RPE
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	MEM-18
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	100 TESTS

## 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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	■			Neat

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
<b>Reconstitution</b>	Reconstitute with 1 ml distilled water
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	1% Bovine Serum Albumin

<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P08571</a> CD14_HUMAN <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">929</a> CD14 <a href="#">Related reagents</a></p>
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<b>Fusion Partners</b>	Spleen cells from an immunised mouse were fused with cells of a mouse myeloma line.
<b>Specificity</b>	MCA2185PE recognises the human CD14 cell surface antigen, a 55kD glycoprotein expressed by monocytes and macrophages.
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label $10^6$ cells in 100ul. Method sheets are available on request.
<b>References</b>	<ol style="list-style-type: none"> <li>Plötz, S. G. <i>et al.</i> (2001) The interaction of human peripheral blood eosinophils with bacterial lipopolysacchride is CD14 dependent. <a href="#">Blood. 97: 235 - 241.</a></li> <li>Prager, E. <i>et al.</i> (2001) Induction of Hyporesponsiveness and Impaired T lymphocyte activation by the CD31 receptor: ligand pathway in T cells. <a href="#">J. Immunol. 166: 2364 - 2371.</a></li> </ol>

3. Thacker, E. *et al.* (2001) Summary of workshop findings for porcine myelomonocytic markers. [Vet. Immunol. Immunopathol. 80: 93 - 109.](#)

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**Storage**

Prior to reconstitution store at +4°C. Following reconstitution 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.

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**Shelf Life**

12 months from date of reconstitution.

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**Health And Safety Information**

Material Safety Datasheet Documentation #10075 available at:

<http://www.abdserotec.com/uploads/MSDS/10075.pdf>

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## Related Products

### Recommended Negative Controls

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

## Other formats and applications

This reagent is also available in a [FITC](#), [Purified](#) format and is useful for ELISA, Immunoprecipitation, Western Blotting

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**For research purposes only, unless otherwise specified in writing by AbD Serotec.**

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**AbD Serotec offices contact details click [here](#)**

**Address:**

MorphoSys UK Ltd, Endeavour House, Langford  
Business Park, Langford Lane, Kidlington,  
Oxford, OX5 1GE, UK

**Tel:** +44 (0)1865 852700

**Email:** [tech.uk@abdserotec.com](mailto:tech.uk@abdserotec.com)

**Web:** [www.abdserotec.com](http://www.abdserotec.com)

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