

## Datasheet: MCA6044PE

<b>Description:</b>	RAT ANTI MOUSE TER-119/ERYTHROID CELLS:RPE
<b>Specificity:</b>	TER-119/ERYTHROID CELLS
<b>Format:</b>	RPE
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	TER-119
<b>Isotype:</b>	IgG2b
<b>Quantity:</b>	0.2 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			1/5 - 1/10

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.

<b>Target Species</b>	Mouse		
<b>Product Form</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	RPE 488nm laser	496	578
<b>Preparation</b>	Purified IgG prepared by affinity chromatography		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )		
<b>Immunogen</b>	Day 14 fetal liver cells from a C57BL/6 mouse		
<b>Specificity</b>	<p><b>Rat anti Mouse TER-119/erythroid cells antibody, clone TER-119</b> recognizes TER-119 also known as Ly-76. The TER-119 clone detects a 52 kDa protein that is associated with cell surface expressed glycoprotein A. TER-119 is an erythroid-specific antigen expressed</p>		

from the early proerythroblast through to the mature erythrocyte stage. This antigen is also expressed on 20-25% of bone marrow cells and 2-3% of spleen cells but not on thymocytes, lymph node cells or erythroid colony-forming cells (Kina *et al.* 2000).

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<b>Flow Cytometry</b>	Use 10 µl of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul
<b>Further Reading</b>	1. Kina, T. <i>et al.</i> (2000) The monoclonal antibody TER-119 recognizes a molecule associated with glycophorin A and specifically marks the late stages of murine erythroid lineage. <a href="#">Br J Haematol. 109 (2): 280-7.</a>
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

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