

Datasheet: MCA6044PE

Description:	RAT ANTI MOUSE TER-119/ERYTHROID CELLS:RPE
Specificity:	TER-119/ERYTHROID CELLS
Format:	RPE
Product Type:	Monoclonal Antibody
Clone:	TER-119
Isotype:	IgG2b
Quantity:	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.

	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.

Target Species	Mouse		
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
Preparation	Purified IgG prepared by affinity chromatography		
Buffer Solution	Phosphate buffered saline		
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)		
Immunogen	Day 14 fetal liver cells from a C57BL/6 mouse		
Specificity	<p>Rat anti Mouse TER-119/erythroid cells antibody, clone TER-119 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).

Flow Cytometry Use 10 µl of the suggested working dilution to label 1x10⁶ cells in 100ul

Further Reading 1. Kina, T. *et al.* (2000) The monoclonal antibody TER-119 recognizes a molecule associated with glycophorin A and specifically marks the late stages of murine erythroid lineage. [Br J Haematol. 109 \(2\): 280-7.](#)

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 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

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