Datasheet: MCA6044G

Description:	RAT ANTI MOUSE TER-119/ERYTHROID CELLS
Specificity:	TER-119/ERYTHROID CELLS
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	TER-119
Isotype:	IgG2b
Quantity:	0.5 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	▪			1/20

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 - liquid
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN_3)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Day 14 fetal liver cells from a C57BL/6 mouse
Specificity	**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 glycophorin A. TER-119 is an erythroid-specific antigen expressed

	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 1x10^6 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. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
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

Related Products

Recommended Secondary Antibodies

Rabbit Anti Rat IgG (STAR17...)	FITC
Goat Anti Rat IgG (STAR69...)	FITC
Goat Anti Rat IgG (STAR131...)	Alk. Phos., Biotin
Goat Anti Rat IgG (STAR73...)	RPE
Rabbit Anti Rat IgG (STAR21...)	HRP
Rabbit Anti Rat IgG (STAR16...)	DyLight®800
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)	DyLight®800
Goat Anti Rat IgG (STAR72...)	HRP

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