

## TER-119 Rat Anti-Mouse mAb (clone TER-119), PE Conjugate

Store at 2°C to 8°C

Pub. No. MAN0009520 Rev. 1.00

Catalog No.	Form	Amount	Excitation	Peak Emission
A18417	PE	50 µg (0.2 mg/mL)	496 nm	578 nm

<b>Clone</b>	TER-119
<b>Host/Class</b>	Rat IgG2bk
<b>Description</b>	TER-119 is a lineage marker for erythroid cells from early proerythroblast to mature erythrocyte stages in adult blood, spleen, and bone marrow. It is also present in yolk sac, and fetal and newborn liver. The TER-119 antigen is not expressed by cells of earlier erythroid development at BFU-e (blast-forming unit erythroid) stage or CFU-e (colony-forming unit erythroid) stage.
<b>Alternate Names</b>	TER119, Erythroid cell marker, Ly-76, Ly76
<b>Applications*</b>	FC (mouse splenocyte and bone marrow cell suspensions)
<b>Storage Buffer</b>	The reagent is provided in aqueous buffer with 0.09% sodium azide, and may contain carrier protein/stabilizer. <b>CAUTION!</b> Sodium azide is extremely toxic and may react with lead and copper plumbing to form highly explosive metal azides. Properly dispose of solutions containing sodium azide. Read the Safety Data Sheet (SDS) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. SDSs are available at <a href="http://www.lifetechnologies.com/support">www.lifetechnologies.com/support</a> .
<b>Storage</b>	Store reagents in the dark at 2° to 8°C. Do not freeze. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted. Avoid prolonged light exposure with fluorochrome-conjugated antibodies. Use dim light during handling, incubation with cells, and prior to analysis.
<b>Stability</b>	When stored as instructed, expires one year from date of receipt unless otherwise indicated on Certificate of Analysis.
<b>Lot Number</b>	See product label.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Kina, T., K. Ikuta, et al. (2000). The monoclonal antibody TER-119 recognizes a molecule associated with glycoprotein A and specifically marks the late stages of murine erythroid lineage. <i>Br J Haematol.</i> 109(2): 280-87.</li> <li>2. Vannucchi, A. M., F. Paoletti, et al. (2000). Identification and characterization of a bipotent (erythroid and megakaryocytic) cell precursor from the spleen of phenylhydrazine-treated mice. <i>Blood.</i> 95(8): 2559-68.</li> </ol>

\* Because conditions may vary, it is recommended that each investigator determine the optimal amount of antibody to be used for each application.

FC = flow cytometry; FUNC = functional assay; ICC = immunocytochemistry; IHC(F) = immunohistochemistry (frozen sample); IHC(P) = immunohistochemistry (paraffin embedded sample); IP = immunoprecipitation; RIA = radioimmunoassay; WB = western blot

**For Research Use Only. Not for use in diagnostic procedures.**

Manufacturing site: 7335 Executive Way | Frederick, MD 21704 | Toll Free in USA 800.955.6288

## Explanation of Symbols

The symbols present on the product label are explained below:

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

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