

**DESCRIPTION**

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse TER-119 in Western blots. This antibody has been shown to react with cells of the erythroid lineage in embryonic yolk sac, fetal liver, adult bone marrow, adult peripheral blood, and adult lymphoid organs (Ikuta, K. <i>et al.</i> (1990) <i>Cell</i> <b>62</b> :863). TER-119 Antigen is a molecule associated with cell-surface glycoprotein A (Kina, T. <i>et al.</i> (2000) <i>Br. J. Haematol.</i> <b>109</b> :280). The antibody has been shown to react with erythroid cells at differentiation stages from early proerythroblast to mature erythrocyte (Kina, T. <i>et al.</i> (2000) <i>Br. J. Haematol.</i> <b>109</b> :280).
<b>Source</b>	Monoclonal Rat IgG <sub>2B</sub> Clone # TER-119
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	C57BL/6 mouse day-14 fetal liver cells
<b>Conjugate</b>	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 nm
<b>Formulation</b>	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	Mouse bone marrow

**PREPARATION AND STORAGE**

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

**BACKGROUND**

The TER-119 Antigen has been used as a marker for erythroid cells from the early proerythroblast to mature erythrocyte stages of development. The 52-kDa TER-119 Antigen is associated with Glycophorin A on erythrocytes.

**PRODUCT SPECIFIC NOTICES**

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