

DESCRIPTION

Species Reactivity	Mouse
Specificity	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> 62 :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> 109 :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> 109 :280).
Source	Monoclonal Rat IgG _{2B} Clone # TER-119
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	C57BL/6 mouse day-14 fetal liver cells
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

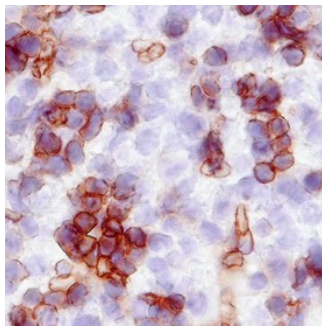
APPLICATIONS

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.

	Recommended Concentration	Sample
Flow Cytometry	0.25 µg/10 ⁶ cells	Mouse bone marrow cells
Immunohistochemistry	8-25 µg/mL	See Below
Western Blot	Kina, T. <i>et al.</i> (2000) <i>Br. J. Haematol.</i> 109 :280	
Immunoprecipitation	Kina, T. <i>et al.</i> (2000) <i>Br. J. Haematol.</i> 109 :280	

DATA

Immunohistochemistry



TER-119 in Mouse Embryo. TER-119 was detected in immersion fixed frozen sections of mouse embryo (E15) using Rat Anti-Mouse TER-119 Biotinylated Monoclonal Antibody (Catalog # BAM1125) at 25 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Rat HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS017) and counter-stained with hematoxylin (blue). Specific staining was localized to red blood cell plasma membranes. View our protocol for [Chromogenic IHC Staining of Frozen Tissue Sections](#).

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.