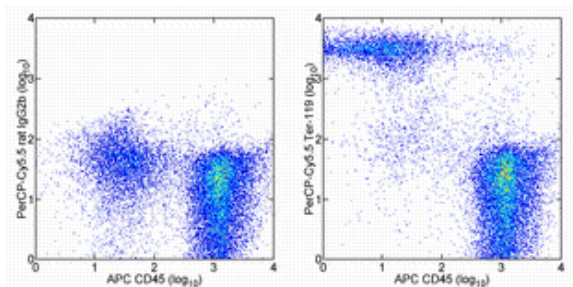


Anti-Mouse TER-119 PerCP-Cyanine5.5

Catalog Number: 45-5921

Also Known As: TER119, Erythroid cell marker, Ly-76, Ly76

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of C57BL/6 bone marrow cells with Anti-Mouse CD45 APC (cat. 17-0451) and 0.25 ug of Rat IgG2b K Isotype Control PerCP-Cyanine5.5 (cat. 45-4031) (left) or 0.25 ug of Anti-Mouse TER-119 PerCP-Cyanine5.5 (right). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse TER-119 PerCP-Cyanine5.5


REF **Catalog Number:** 45-5921

Clone: TER-119

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG2b, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

 **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Contains sodium azide**

Description

The TER-119 monoclonal antibody reacts with mouse erythroid cells from early proerythroblast to mature erythrocyte stages. The TER-119 antigen is present in yolk sac, fetal and newborn liver, but is not expressed by cells carrying BFU-E and CFU-E activities. Several erythroleukemia cell lines tested so far are negative for expression of TER-119 antigen even after dimethylsulfoxide stimulation. Biochemical and molecular analysis of the TER-119 antigen indicate that this molecule is associated with the surface glycoprotein A, but is not a typical glycoprotein.

Applications Reported

This TER-119 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This TER-119 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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. *Br J Haematol* 109(2): 280-87.

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. *Blood* 95(8): 2559-68.

Related Products

17-0451 Anti-Mouse CD45 APC (30-F11)

45-4031 Rat IgG2b K Isotype Control PerCP-Cyanine5.5

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