

TER-119 Monoclonal Antibody (TER119), PE

Catalog NumberMA5-17823

Product data sheet

| Details | | Species Reactivity | |
|--------------------|---------------------------------|--|--------------------------|
| Size | 50 µg | Species reactivity | Mouse |
| Host/Isotope | Rat / IgG2b | Published species | Mouse |
| Class | Monoclonal | Tested Applications | Dilution * |
| Type | Antibody | Flow Cytometry (Flow) | 0.5 µg/1x10^6 cells |
| Clone | TER119 | Published Applications | |
| Immunogen | Day 14 BALB/c fetal liver cells | Flow Cytometry (Flow) | See 1 publications below |
| Conjugate | PE | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. | |
| Form | Liquid | | |
| Concentration | 0.1 mg/mL | | |
| Purification | Protein G | | |
| Storage buffer | PBS with 4-5mg/mL BSA | | |
| Contains | 0.02% sodium azide | | |
| Storage Conditions | 4° C, do not freeze | | |

Background/Target Information

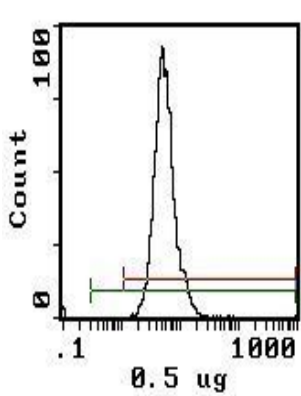
TER-119 is a lineage marker for erythroid cells from early proerythroblast to mature erythrocyte stages in adult blood, spleen, and bone marrow. It is also present in yolk sac, and fetal and newborn liver. The TER-119 antigen is not expressed by cells of earlier erythroid development at BFU-e (blast-forming unit erythroid) stage or CFU-e (colony-forming unit erythroid) stage.

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TER-119 Antibody (MA5-17823) in Flow

Flow cytometric analysis of Whole Blood cells stained using anti-Erythroid Cell Monoclonal Antibody (Product # MA5-17823) at a 0.5 $\mu\text{g}/10^6$ cells dilution. The Isotype control was a PE Rat IgG2b

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1 Flow Cytometry References

| Species / Dilution | Summary |
|--------------------|---|
| Mouse / Not Cited | <p>MA517823 was used in flow cytometry to utilize a G2-Gata4Cre;R26REYFP mouse line to track the developmental fate of the G2-Gata4 cell lineage</p> <p>Haematologica (2017; 102: 647)</p> <p>"A population of hematopoietic stem cells derives from GATA4-expressing progenitors located in the placenta and lateral mesoderm of mice."</p> <p>Author(s):Cañete A,Carmona R,Ariza L,Sánchez MJ,Rojas A,Muñoz-Chápuli R</p> <p>PubMed Article URL:http://dx.doi.org/10.3324/haematol.2016.155812</p> |

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