

PE anti-mouse Lineage Cocktail with Isotype Ctrl

Catalog # / Size: 1266515 / 25 tests

Clone: 145-2C11, RB6-8C5, M1/70, RA3-6B2, Ter-119

Isotype: Hamster IgG, Rat IgG2a, Rat IgG2b

Reactivity: Mouse

Preparation: The antibodies were purified by affinity chromatography, and conjugated with PE under optimal conditions. The solutions are free of unconjugated PE and unconjugated antibody.

Formulation: This two-reagent set contains PE conjugated antibodies and isotype controls in optimal concentration for flow cytometric analysis.

Concentration: Lot-specific

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of these antibodies is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 20 microL per million cells or 20 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application References:

1. Morris SJ, *et al.* 1997. *Development*. 124(10):1929-1939
2. Okada S, *et al.* 1992. *Blood* 180 (12):3044-3050
3. Spangrude GJ, *et al.* 1988. *Science* 241 (4861):58-62
4. Spangrude GJ, *et al.* 1990. *Exp Hematol.* 18 (8):920-926
5. Tan SL, *et al.* 2006. *J. Immunol.* 176:2872. [PubMed](#)
6. Ito R, *et al.* 2012. *Exp Hematol.* 40:953. [PubMed](#).

Description: The mouse lineage panel has been designed to react with cells from the major hematopoietic cell lineages, such as T lymphocytes, B lymphocytes, monocytes/macrophages, granulocytes, NK cells, and erythrocytes. The FITC Mouse Lineage Antibody Cocktail is designed for the flow cytometric identification of hematopoietic progenitors in mouse bone marrow. Components include anti-mouse CD3e, clone 145-2C11; anti-mouse Ly-6G/Ly-6C, clone RB6-8C5; anti-mouse CD11b, clone M1/70; anti-mouse CD45R/B220, clone RA3-6B2; anti-mouse TER-119/Erythroid cells, clone Ter-119. FITC Mouse Lineage Isotype Control Cocktail contains equivalent concentrations of isotype-matched negative control immunoglobulin.

Materials provided:

1. PE anti-mCD3ε/ PE anti-mGr-1/ PE anti-mCD11b/ PE anti-mCD45R(B220)/ PE anti-mTer-119, 25 test
2. PE Armenian hamster IgG/ PE Rat IgG2b/ PE Rat IgG2a isotype controls, 25 tests

Materials not provided:

Cell Staining Buffer (Cat. No. 2701005)