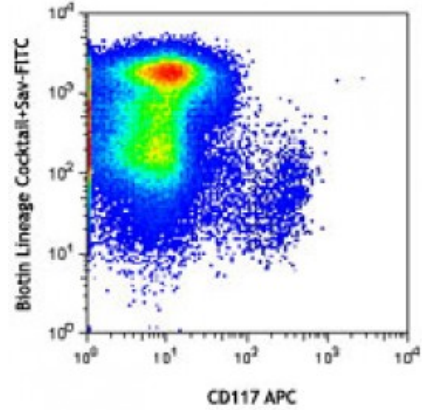


**Biotin anti-mouse Lineage Panel**

**Catalog # / Size:** 1266535 / 500 tests  
**Clone:** Ter-119, M1/70, RB6-8C5, 145-2C11, RA3-6B2  
**Isotype:** Hamster IgG,Rat IgG2a,Rat IgG2b  
**Reactivity:** Mouse  
**Preparation:** The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.  
**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.  
**Concentration:** Lot-specific



C57BL/6 mouse bone marrow cells were stained with Biotin Lineage Cocktail, followed by Sav-FITC and CD117 APC.

**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 2 microL of each antibody per million cells or 2 microL of each antibody per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

**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 Biotin anti-mouse Lineage Panel is designed for the flow cytometric identification and immune-enrichment of hematopoietic progenitors in mouse bone marrow. Components include anti-mouse CD3, 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.

**Materials provided (one vial each):**

Part No.	Description
79748	anti-mouse TER-119/Erythroid Cells
79749	anti-mouse CD11b
79750	anti-mouse Ly-6G/Ly-6C (Gr-1)
79751	anti-mouse CD3e
79752	anti-mouse CD45R/B220

**Materials not provided:**

1. Isotype Controls
2. Cell Staining Buffer (Cat. No. 420201)

**Antigen References:**

1. Morrison SJ, *et al.* 1997. *Development* 124:1929.
2. Okada S, *et al.* 1992. *Blood* 80:3044.
3. Spangrude GJ, *et al.* 1988. *Science* 241:58.
4. Spangrude GJ, *et al.* 1990. *Exp*

