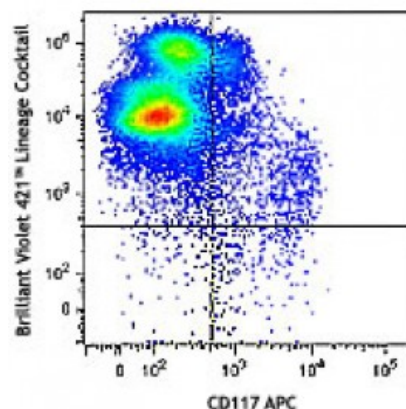


Brilliant Violet 421™ anti-mouse Lineage Cocktail

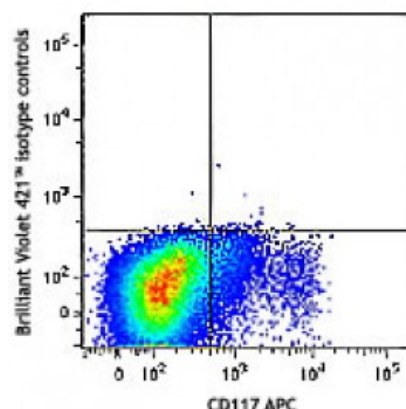
Catalog # / Size: 1266555 / 25 tests
Clone: 17A2/RB6-8C5/RA3-6B2/Ter-119/M1/70
Isotype: Rat IgG2a,Rat IgG2b
Reactivity: Mouse
Preparation: The antibodies are purified by affinity chromatography, and conjugated with Brilliant Violet 421™ under optimal conditions. The solution is free of unconjugated Brilliant Violet 421™.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).
Concentration: Lot-specific



C57BL/6 bone marrow cells were stained with CD117 APC and Brilliant Violet 421™ lineage cocktail (top) or Brilliant Violet 421™ isotype controls (bottom plot).

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.



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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 Brilliant Violet 421™ Mouse Lineage Antibody Cocktail is designed for the flow cytometric

identification of hematopoietic progenitors in mouse bone marrow. Components include anti-mouse CD3, clone 17A2; 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:

1. Brilliant Violet 421™ anti-mCD3/ Brilliant Violet 421™ anti-mLy-6G(Ly-6C)/ Brilliant Violet 421™ anti-mCD11b/ Brilliant Violet 421™ anti-mCD45R(B220)/ Brilliant Violet 421™ anti-mTer-119

Materials not provided:

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

**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.