

Elab Fluor® Violet 540 Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-8C5]

Catalog Number: E-AB-F1120T3

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

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|-------------------------|--|
| Reactivity | Mouse |
| Host | Rat |
| Isotype | Rat IgG2b, κ |
| Clone No. | RB6-8C5 |
| Isotype Control | Elab Fluor® Violet 540 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842T3] |
| Conjugation | Elab Fluor® Violet 540 |
| Conjugation Information | Elab Fluor® Violet 540 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 548 nm (e.g., a 572/28 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA. |

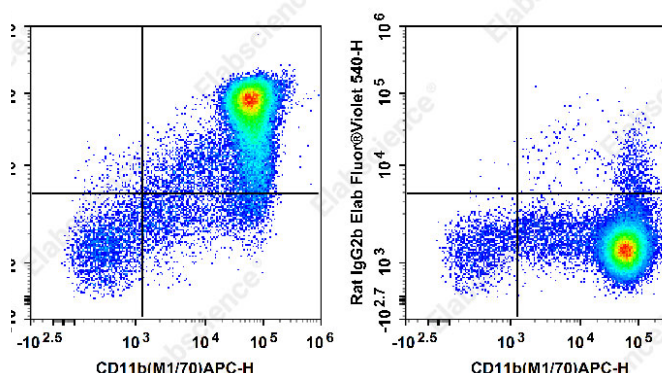
Applications

Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of C57BL/6 murine bone marrow with APC Anti-Mouse/Human CD11b Antibody[M1/70] and Elab Fluor® Violet 540 Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-8C5](left) or Elab Fluor® Violet 540 Rat IgG2b, κ Isotype Control(right). Total viable cells were used for analysis.

Preparation & Storage

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| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag |

Antigen Information

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|-----------------|--------------------------------|
| Alternate Names | Gr-1;Gr1;Ly-6G/Ly-6C;Ly6G/Ly6C |
| Uniprot ID | P35461;P0CW03; |
| Gene ID | 546644;17067 |

For Research Use Only

Background

Gr-1 is a 21-25 kD protein also known as Ly-6G/Ly-6C. This myeloid differentiation antigen is a glycosylphosphatidylinositol (GPI)-linked protein expressed on granulocytes and macrophages. In bone marrow, the expression levels of Gr-1 directly correlate with granulocyte differentiation and maturation; Gr-1 is also transiently expressed on bone marrow cells in the monocyte lineage. Immature Myeloid Gr-1+ cells play a role in the development of antitumor immunity.