

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

Catalog Number: GFH1120UT3

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

## Description

|                         |                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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-F09843T3]                                                                                           |
| 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.                                                                                                          |

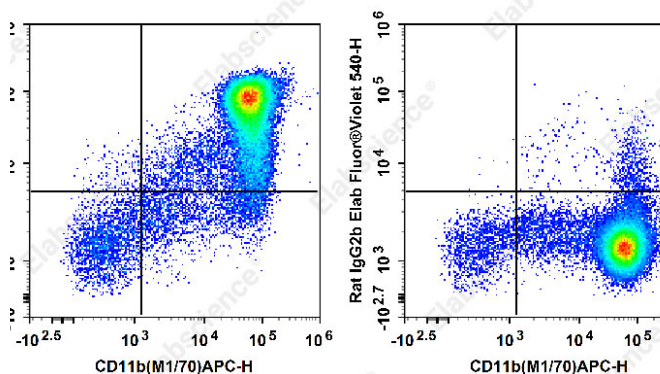
## Applications

## Recommended usage

### FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10<sup>6</sup> cells in 100 µL volume].

## 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

### 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

|                 |                                |
|-----------------|--------------------------------|
| 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.