

## Elab Fluor® Violet 500 Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-8C5]

Catalog Number: E-AB-F1120R

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

### Description

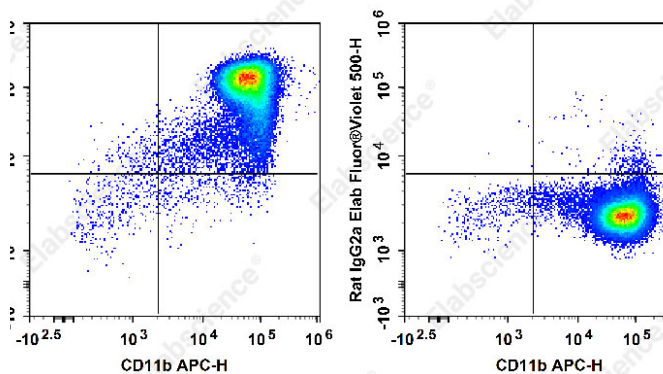
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, $\kappa$
Clone No.	RB6-8C5
Isotype Control	Elab Fluor® Violet 500 Rat IgG2b, $\kappa$ Isotype Control[LTF-2] [Product E-AB-F09842R]
Conjugation	Elab Fluor® Violet 500
Conjugation Information	Elab Fluor® Violet 500 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 501 nm (e.g., a 525/45 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

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



Staining of C57BL/6 murine bone marrow with APC Anti-

Mouse/Human CD11b Antibody[M1/70] and Elab Fluor® Violet 500 Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-

8C5](left) or Elab Fluor® Violet 500 Rat IgG2b,  $\kappa$  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;POCW03;

### For Research Use Only

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Rev. V1.7

**Gene ID**

546644;17067

**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.