

A Reliable Research Partner in Life Science and Medicine

# 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

Reactivity Mouse Host Rat

Isotype Rat IgG2b, ĸ Clone No. RB6-8C5

**Isotype Control** Elab Fluor<sup>®</sup> 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).

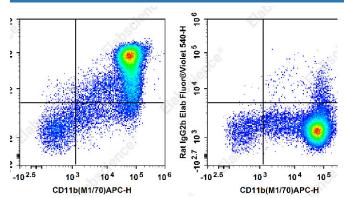
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### **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-

8С5](left) or Elab Fluor® Violet 540 Rat IgG2b, к 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**

Gr-1;Gr1;Ly-6G/Ly-6C;Ly6G/Ly6C **Alternate Names** 

**Uniprot ID** P35461:P0CW03: Gene ID 546644;17067

### For Research Use Only

Tel: 1-832-243-6086 Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Email:techsupport@elabscience.com

Web:www.elabscience.com

#### **Elabscience Bionovation Inc.**

A Reliable Research Partner in Life Science and Medicine

## **Background**

Elabscience®

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.

Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Email:techsupport@elabscience.com Web:www.elabscience.com