

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 700 Anti-Mouse Ly-6G/Ly-6C(Gr-1) Antibody[RB6-8C5]

Catalog Number: E-AB-F1120M1

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

#### **Description**

Reactivity Mouse Host Rat

IsotypeRat IgG2b, κClone No.RB6-8C5

Isotype Control Elab Fluor<sup>®</sup> 700 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842M1]

Conjugation Elab Fluor® 700

**Conjugation Information** Elab Fluor<sup>®</sup> 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

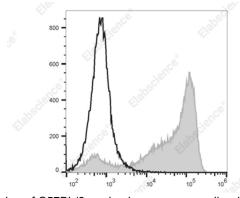
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### 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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L 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 cells with Elab

Fluor® 700 Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-8C5] (filled gray histogram) or Elab Fluor® 700 Rat IgG2b, κ Isotype Control (empty black histogram). 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 lce 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

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### Elabscience Bionovation Inc.

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# Elabscience®

# **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.

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