

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 450 Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-8C5]

Catalog Number: E-AB-F1120UQ

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

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Reactivity Mouse **Host** Rat

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

Isotype Control Elab Fluor® Violet 450 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843Q]

Conjugation Elab Fluor® Violet 450

Conjugation Information Elab Fluor[®] Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

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

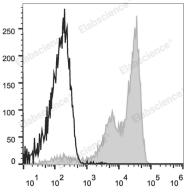
Applications Recommended usage

FCM Eacl

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 μ g/10⁶ cells

in 100 µL volume].

Data



C57BL/6 murine bone marrow cells are stained with Elab

Fluor[®] Violet 450 Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody (filled gray histogram). Unstained bone marrow cells (empty black histogram) are used as control.

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

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Elabscience Bionovation Inc.

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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.

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