

A Reliable Research Partner in Life Science and Medicine

PE/Cyanine7 Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-8C5]

Catalog Number: E-AB-F1120H

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 PE/Cyanine7 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842H]

Conjugation PE/Cyanine 7

Conjugation Information PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm

(e.g., a 780/60 nm bandpass filter).

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

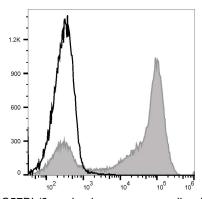
Applications Recommended usage

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ 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 PE/Cyanine7 Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-8C5] (filled gray histogram) or PE/Cyanine7 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 Ice bag

Antigen Information

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

Uniprot ID P35461;P0CW03

For Research Use Only

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Gene ID Background 546644;17067

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.