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## PE/Cyanine5 Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-8C5]

Catalog Number: E-AB-F1120G

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

Description

Reactivity Mouse Rat Host

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

PE/Cyanine5 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842G] Isotype Control

PE/Cyanine 5 Conjugation

**Conjugation Information** PE/Cyanine5 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 670 nm

(e.g., a 690/50 nm bandpass filter).

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

**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.

**Preparation & Storage** 

Keep as concentrated solution. Storage

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

**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.

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

Email:techsupport@elabscience.com

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