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

Catalog Number: E-AB-F1120B

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 Biotin Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843B]

Conjugation Biotin

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. For flow

cytometric staining, the suggested use of this reagent is \leq 1.0 μ g per 10⁶ cells in 100 μ L volume or 100 μ L of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. 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.