



Product Datasheet

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

Catalogue Code: AGEL0461

Antibody Data

Product SKU:	AGEL0461	Clone:	RB6-8C5
Applications:	FCM		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Gr-1;Gr1;Ly-6G/Ly-6C;Ly6G/Ly6C;
Uniprot ID:	P35461 P0CW03
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.
Form:	Liquid
Conjugation:	Biotin
Size:	25µg, 100µg
Host Species:	Rat
Isotype:	Rat IgG2b, κ
Isotype Control:	Biotin Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL0461]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
