

Biotin Anti-Mouse Ly-6G/Ly-6C Monoclonal Antibody



天津三箭生物技术股份有限公司
Tianjin Sungene Biotech Co., Ltd.
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M100L7-08B	50 µg
M100L7-08E	500 µg

Market | 400-621-0003
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Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

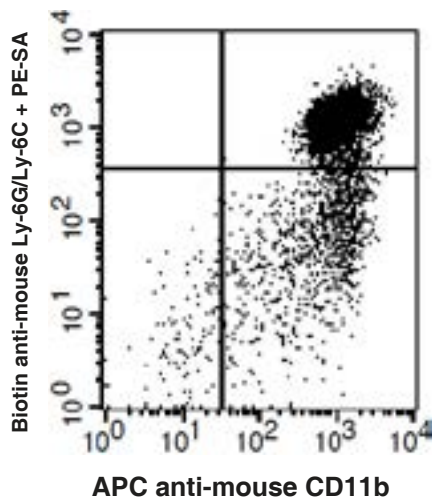
Purified Antibody Characterization

Clone	Isotype	Reactivity
RB6-8C5	Rat IgG2b	Mouse

Description

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.

Illustration of Immunofluorescent Staining



C57BL/6 mouse granulocyte of bone marrow stained with APC anti-mouse CD11b and Biotin anti-mouse Ly-6G/Ly-6C, followed by PE-Streptavidin

Product Information

Conjugation: Biotin

Formulation: PBS pH 7.2, 0.09% NaN₃, 0.2% BSA

Concentration: 0.5 mg/ml

Storage: Keep as concentrated solution. Store at 4°C and protected from prolonged exposure to light. **Do not freeze.**

Application: Recommended Application: FC

Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis (The amount of the reagent is suggested to be used ≤ 0.25 µg /10⁶ cells in 100 µl). Since applications vary, the appropriate dilutions must be determined for individual use.

References

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- [3] Stoppacciaro A, et al. 1993. J. Exp. Med. 178:151.
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- [5] Czuprynski CJ, et al. 1994. J. Immunol. 152:1836.
- [6] Nitta H, et al. 1997. Cell Vision 4:73.
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