

PE 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
M100L7-09B	50 µg
M100L7-09D	200 µg

Market	400-621-0003 marketing@sungenebiotech.com
Support	022-66211636-8024 techsupport@sungenebiotech.com
Web	www.sungenebiotech.com

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

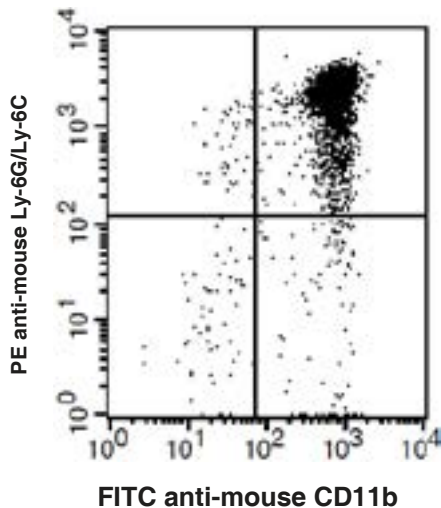
Purified Antibody Characterization

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 FITC anti-mouse CD11b and PE anti-mouse Ly-6G/Ly-6C

Product Information

Conjugation: PE

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

Concentration: 0.2 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

- [1] Fleming TJ, et al. 1993. J. Immunol. 151:2399.
- [2] Brummer E, et al. 1984. J. Leukocyte Biol. 36:505.
- [3] Stoppacciaro A, et al. 1993. J. Exp. Med. 178:151.
- [4] Tumpey TM, et al. 1996. J. Virol. 70:898.
- [5] Czuprynski CJ, et al. 1994. J. Immunol. 152:1836.
- [6] Nitta H, et al. 1997. Cell Vision 4:73.
- [7] Jutila MA, et al. 1988. Eur. J. Immunol. 18:1819.
- [8] Engwerda CR, et al. 2004. Amer. J. Pathol. 165:2123.
- [9] Brown CR, et al. 2004. Infect. Immun. 72:4956.
- [10] Andoniou CE, et al. 2005. Nature Immunology 6:1011.

For Research Use Only.