

# APC 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
M100L7-11A	25 µg
M100L7-11C	100 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.

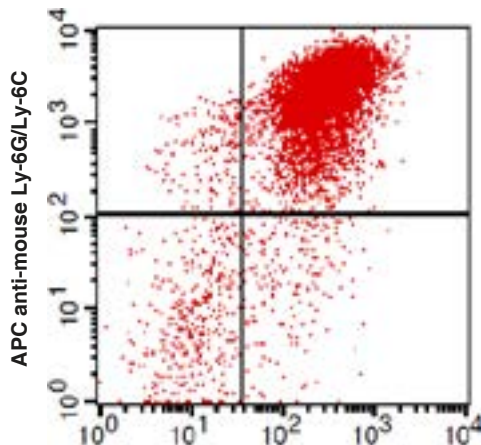
## Purified Antibody Characterization

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<sup>+</sup> cells play a role in the development of antitumor immunity.

## Illustration of Immunofluorescent Staining



### FITC anti-mouse CD11b

C57BL/6 mouse granulocyte of bone marrow  
stained with FITC anti-mouse CD11b and  
APC anti-mouse Ly-6G/Ly-6C

## Product Information

**Conjugation:**APC

**Formulation:** PBS pH 7.2, 0.09% NaN<sub>3</sub>,  
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 /10<sup>6</sup> cells in 100 µl). Since applications  
vary, the appropriate dilutions must be  
determined for individual use.

## References

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- [6] Nitta H, et al. 1997. Cell Vision 4:73.
- [7] Jutila MA, et al. 1988. Eur. J. Immunol. 18:1819.
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- [10] Andoniou CE, et al. 2005. Nature Immunology 6:1011.

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