

**Manufacturer/Supplier:**

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**Product name:** AF/LE Purified Anti-Mouse Ly-6G/Ly-6C (Gr-1)  
Monoclonal Antibody

**Catalog:** DL21473F

**Synonyms:** Gr-1, Gr1, Ly-6G/Ly-6C, Ly6G/Ly6C

**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

**Isotype:** Rat IgG2b,  $\kappa$

**Size:** 50 $\mu$ g/500 $\mu$ g/1mg

**Host:** Rat

**Reactivity:** Mouse

**Application:** Depletion, FCM,  
WB, IHC, IP

**Concentration:** 0.5 mg/mL

**Conjugation:** None (Purified  
antibody, Azide Free/Low  
endotoxin)

**SwissProt:** P35461,P0CW02,P0CW03

**Buffer:** 0.2  $\mu$ m filtered in PBS, pH 7.2. Azide Free (AF)/Low  
Endotoxin (LE): Contains no stabilizers or

### Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 0.1 \mu$ g per  $10^6$  cells in 100  $\mu$ L volume or 100  $\mu$ L of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

**Storage:**



Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.