

Rat monoclonal anti mouse Gr-1 (Ly-6G) **(Azide-free & Low endotoxin)**

ORDERING INFORMATION

Catalog Number:	gAP-0059
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse spontaneous T lymphoma line TK1
Ig Type:	Rat IgG2
Clone	AP-MAB0866
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IHC (Frozen/paraffin), and Depletion

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. Gr-1⁺ cells have recently been implicated in the development of antitumor responses.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with **Mouse spontaneous T lymphoma line TK1**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μm filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

*** Endotoxin Level:** Extremely low level of LPS (< 0.002EU/μg IgG)

Application(s):

- 1. FC and IP**
- 2. IHC (Frozen and Paraffin)**
- 3. In vivo depletion of PMN and Myeloid suppressor cells**

*** The antibody is produced by in vitro culture and For Research Use Only**