

Catalog	Unit
TBS10337-0.5MG	0.5 mg
TBS10337-1MG	1 mg
TBS10337-5MG	5 mg

Description

InVivo Anti-Mouse Ly6g antibody targets mouse Lymphocyte Antigen 6 Complex, locus G (Ly6G), a 21–25 kDa GPI-anchored Ly-6 family protein involved in cell signaling and adhesion. Ly6G is expressed throughout myeloid development and maintained on mature granulocytes and peripheral neutrophils, making it a reliable marker for neutrophil populations. The antibody is highly specific for Ly6G with no reported cross-reactivity to Ly6C and is suitable for in-vivo studies of neutrophil function and depletion.

Synonyms

Anti-Ly6G antibody, Anti-Gr-1, Anti-Lymphocyte Antigen 6G antibody, Neutrophil-depleting antibody (Ly6G-specific).

Product Details

- Applications:** In-vivo neutrophil depletion, in-vivo MDSC depletion, IHC, IF, FCM.
- Species reactivity:** Mouse
- Host:** Rat
- Isotype:** IgG2a, kappa
- Target:** Lymphocyte antigen 6G, Ly-6G, Ly-6G.1, Ly6g, GR-1, GR1
- Uniprot:** P35461
- Concentration:** 3 mg/ml
- Purity:** >95%
- Formulation:** Liquid
- Storage buffer:** 0.01M PBS, pH 7.4.
- Purification:** Protein A/G purified from cell culture supernatant.
- Clonality:** Monoclonal
- Storage:** Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

Data Image

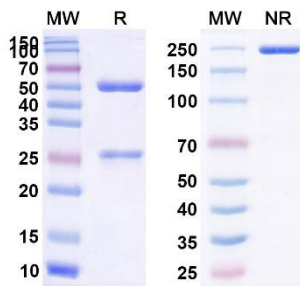


Fig. 1. SDS-PAGE for InVivo Plus Anti-Mouse Ly6g/Ly-6G.1 Antibody

MW: Molecular Weight (kDa) Marker
 R: Reducing conditions
 NR: Non-Reducing conditions

For research use only.