

bs-41202R**[Primary Antibody]****Ly-6G Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

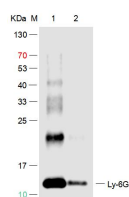
sales@bioss.com.cn

techsupport@bioss.com.cn

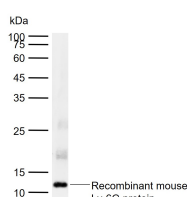
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse
GeneID: 546644	SWISS: P35461	
Target: Ly-6G		
Purification: affinity purified by Protein A		Predicted MW.: 14 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Ly6G is a GPI-anchored protein, that is also known as the myeloid differentiation antigen Gr1. The antigen is transiently expressed on monocytes in the bone marrow. The level of antigen expression in the bone marrow directly correlates with granulocyte differentiation and maturation. Ly6G is expressed predominantly on neutrophils, also in a subset of eosinophils, differentiating pre-monocytes, and plasmacytoid dendritic cells.		

— VALIDATION IMAGES —

Sample: Lane 1: Recombinant Mouse Ly-6G Protein at 500ng Lane 2: Recombinant Mouse Ly-6G Protein at 50ng Primary: Rabbit Anti-Ly-6G Polyclonal Antibody at 1/1000 dilution (Cat.bs-41202R) Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 14kD Observed band size: 13kD



Sample: Lane 1: Recombinant mouse Ly-6G protein Primary: Anti-Ly-6G (bs-41202R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 14 kDa Observed band size: 12 kDa

— SELECTED CITATIONS —

- **[IF=8.5]** Qian Wu. et al. Bletilla striata polysaccharides alleviate ARDS by inhibiting NETs-induced pyroptosis in pulmonary alveolar macrophage through the PAD4 pathway. INT J BIOL MACROMOL. 2025 Feb;;141026 IF ;Mouse. 39954881