

bs-2576R**[Primary Antibody]****BioSS**
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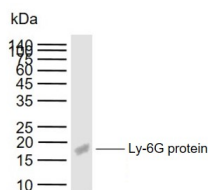
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Ly-6G Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse
GeneID: 546644	SWISS: P35461	
Target: Ly-6G		
Immunogen: KLH conjugated synthetic peptide derived from mouse Ly-6G/Gr-1: 51-134/134.		Predicted MW.: 14 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
Concentration: 1mg/ml		
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

Lane 1: Recombinant mouse Ly-6G protein (His-tag) Primary: Anti-Ly-6G (bs-2576R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 14 kDa Observed band size: 18 kDas

SELECTED CITATIONS

- **[IF=16.264]** Schukur, Lina, et al. "Implantable synthetic cytokine converter cells with AND-gate logic treat experimental psoriasis." *Science Translational Medicine* 7.318 (2015): 318ra201-318ra201. IHC ;="Mouse". 26676608
- **[IF=6.17]** Ying Xu. et al. PINK1-mediated mitophagy protects against hepatic ischemia/reperfusion injury by restraining NLRP3 inflammasome activation. *Free Radical Bio Med.* 2020 Nov;160:871 IF,IHC ;Mouse. 32947010
- **[IF=5.3]** Tian Huang. et al. Gr-1 blockade remodels the immunosuppressive microenvironment induced by incomplete microwave ablation of hepatocellular carcinoma. *CANCER CELL INT.* 2024 Dec;24:395 IF ;Mouse. 39633362
- **[IF=4.12]** Arecco et al. Elastase levels and activity are increased in dystrophic muscle and impair myoblast cell survival, proliferation and differentiation. (2016) *Sci.Rep.* 6:24708 IF ;Mouse. 27241590
- **[IF=2.319]** Xinhong WANG. et al. Anti-inflammatory effect of HGF responses to oral traumatic ulcers using an HGF-Tg mouse model. 2021 Nov 25 IHC ;Mouse. 34819402

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.