

Ly-6G Rabbit pAb

Catalog Number: bs-2576R

Target Protein: Ly-6G

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse

Predicted MW: 14 kDa

Detected MW: 21-25 kDa

Entrez Gene: 546644

Swiss Prot: P35461

Source: KLH conjugated synthetic peptide derived from mouse Ly-6G/Gr-1: 51-134/134.

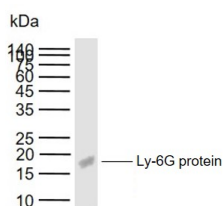
Purification: affinity purified by Protein A

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

PRODUCT SPECIFIC PUBLICATIONS

[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