SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-Ly6g Monoclonal Antibody

Catalog Number: SLA0376M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rat
Isotype:	Rat IgG2b, κ
Clonality:	Monoclonal
Clone No.:	RB6
GeneID:	546644
SWISS:	P35461
Target:	Ly6g
Immunogen:	Recombinant Mouse Ly-6G/Gr-1
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M PBS (pH7.4). Store at 2-8℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1:50-100) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Mouse
Predicted MW.:	14 kDa
Subcellular Location:	Membrane
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.

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

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[VALIDATION IMAGES]

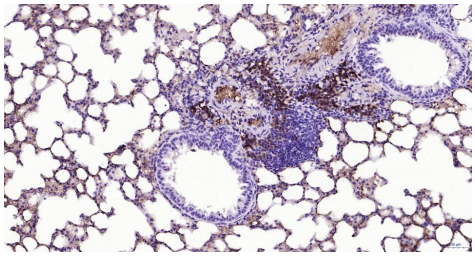


Figure 1. Paraformaldehyde-fixed, paraffin embedded Mouse lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Ly-6G Monoclonal Antibody, Unconjugated(SLA0376M) at 1:200 overnight at 4°C, followed by conjugation to the SL0293G-HRP and DAB (C-0010) staining.

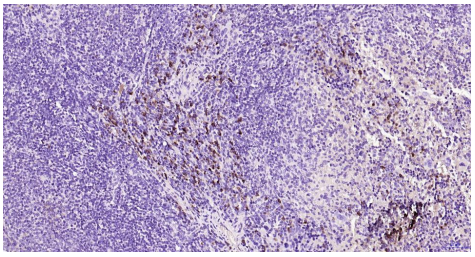


Figure 2. Paraformaldehyde-fixed, paraffin embedded Mouse spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Ly-6G Monoclonal Antibody, Unconjugated(SLA0376M) at 1:200 overnight at 4°C, followed by conjugation to the SL0293G-HRP and DAB (C-0010) staining.

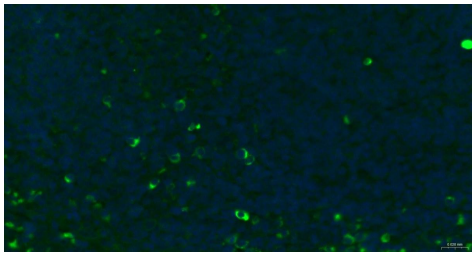


Figure 3. Paraformaldehyde-fixed, paraffin embedded Mouse Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with mouse Ly-6G/Ly-6C Monoclonal Antibody, Unconjugated (SLA0376M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rat IgG antibody (green, SL0293G-FITC), DAPI (blue, C02-04002) was used to stain the cell nuclei.
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