

mouse Ly-6G/Ly-6C Rat mAb

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Catalog # AP94106

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P35461
Reactivity	Mouse
Host	Rat
Clonality	Monoclonal
Calculated MW	14324
Physical State	Liquid
Immunogen	Recombinant Mouse Ly-6G/Gr-1
Isotype	Rat IgG2b, κ
Purity	affinity purified by Protein G
Buffer	0.01M PBS(pH7.4) with 1% Trehalose
SUBCELLULAR LOCATION	Cell membrane; Lipid-anchor, GPI-anchor (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	546644
Other Names	Lymphocyte antigen 6G, Ly-6G, Ly-6G.1, Ly6g
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=1:50-100
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Ly6g
Cellular Location	Cell membrane; Lipid-anchor, GPI- anchor

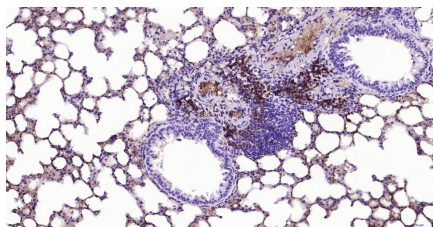
Tissue Location

Expressed in bone marrow.

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Images



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(AP94106) at 1:200
overnight at 4°C, followed by conjugation to the
AP94106-HRP and DAB (C-0010) staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.