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Ly-6G Rat mAb

Catalog # AP97042

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P35461
Other Accession	P35461
Reactivity	Mouse
Host	Rat
Clonality	Monoclonal
Calculated MW	14324
Physical State	Liquid
Isotype	IgG2b
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 UPAR/Ly6 domain.
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	Gr-1; Gr1; Ly-6G; LY6G_MOUSE; Ly6g; Ly-6G.1;
Dilution	WB=1:100-1000,IHC-P=1:50-200,IF=1:50-200,IHC-F=1:50-200
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.

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