

## Ly6g antibody [RB6-8C5] (PE)

Cat. No. GTX42973

<b>Host</b>	Rat
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	IHC-P, FCM
<b>Reactivity</b>	Mouse

References ( 13 )

Package

100 µg

## PRODUCT

## Summary

The RB6-8C5 antibody binds to mouse Ly-6G, commonly known as Gr-1, a member of the Ly-6 superfamily of GPI-anchored cell surface proteins with roles in cell signaling and cell adhesion. Gr-1 is differentially expressed during development and maturation of cells in the myeloid lineage and is expression at varying stages and levels on monocytes, macrophages, granulocytes, and peripheral neutrophils. In the mouse, the RB6-8C5 antibody is typically used in combination with the macrophage labeling antibody M1/70 (Anti-CD11b) for phenotypic analysis of monocytes, macrophages and granulocytes.

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
IHC-P	Assay dependent
FCM	Assay dependent

Not tested in other applications.

## Product Note

This antibody reacts predominantly with the Ly-6G protein but weaker reactivity with the Ly-6C protein has been reported (Fleming et al. 1993).

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl, 0.1% Gelatin
<b>Preservative</b>	0.09% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
<b>Concentration</b>	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Normal murine bone marrow cells.
<b>Purification</b>	Purified by affinity chromatography From tissue culture supernatant



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## Conjugation

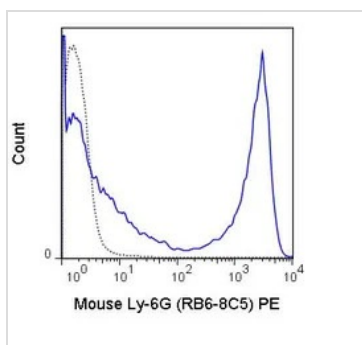
Phycoerythrin (PE) [Wavelength](#)

## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES



### GTx42973 FCM Image

FACS analysis of C57Bl/6 bone marrow cells using GTx42973 Ly6g antibody [RB6-8C5] (PE).

Solid line : Primary antibody

Dashed line : PE rat IgG2b isotype control

Antibody amount : 0.06 µg



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