

Ly6g antibody [RB6-8C5] (PE)

Cat. No. GTX42973

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Application	IHC-P, FACS
Reactivity	Mouse

Reference (11)

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.

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
IHC-P	Assay dependent
FACS	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

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



For full product information, images and publications, please visit our [website](#).

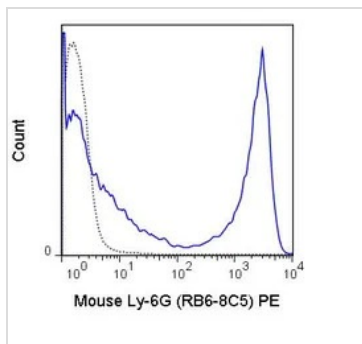
Conjugation

Phycoerythrin (PE)

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 FACS 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



For full product information, images and publications, please visit our [website](https://www.genetex.com).