

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

Cat. No. GTX79898

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

References ( 21 )

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

The rat monoclonal antibody RB6-8C5 detects Ly6G component of Gr-1 antigen.

## 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>	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Murine granulocytes
<b>Purification</b>	Purified by affinity chromatography From tissue culture supernatant
<b>Conjugation</b>	Fluorescein isothiocyanate (FITC) <a href="#">Wavelength</a>

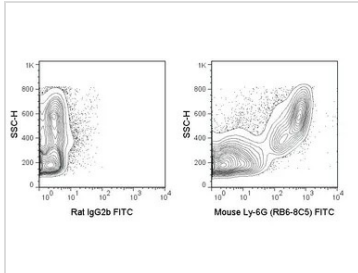


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**Note**

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**DATA IMAGES**

**GTX79898 FCM Image**

FACS analysis of C57Bl/6 bone marrow cells stained FITC anti-mouse Ly-6G antibody, followed by staining with GTX79898 Ly6g antibody [RB6-8C5] (FITC).

Right panel : Co-stained with FITC anti-mouse Ly-6G antibody and GTX79898

Left panel : Co-stained with FITC anti-mouse Ly-6G antibody and FITC rat IgG2b isotype control

Antibody amount : 0.5 µg



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