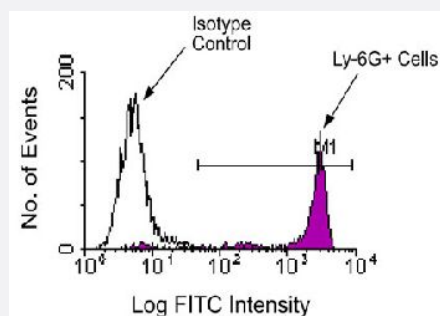


# Ly6g monoclonal antibody, clone RB6-8C5 (Biotin)

Catalog # MAB5969      Size 500 ug

## Applications



## Flow Cytometry

BALB/c bone marrow cells were stained with either rat IgG2b-FITC (as an isotype control) or Ly6g monoclonal antibody, clone RB6-8C5 (FITC) (Cat # MAB5968). Large cells were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

## Specification

<b>Product Description</b>	Rat monoclonal antibody raised against native Ly6g.
<b>Immunogen</b>	Native purified from normal murine bone marrow cells.
<b>Host</b>	Rat
<b>Reactivity</b>	Mouse
<b>Specificity</b>	Specificity Mouse Ly-6G, Mr 21-25 KDa
<b>Form</b>	Liquid
<b>Conjugation</b>	Biotin
<b>Isotype</b>	IgG2b, kappa
<b>Recommend Usage</b>	Flow Cytometry (1 ug/10 <sup>6</sup> cells) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)

**Storage Instruction**

Store in the dark at 4°C. Do not freeze.  
Avoid prolonged exposure to light.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

BALB/c bone marrow cells were stained with either rat IgG2b-FITC (as an isotype control) or Ly6g monoclonal antibody, clone RB6-8C5 (FITC) (Cat # MAB5968). Large cells were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

## Gene Info — Ly6g

**Entrez GeneID**[546644](#)**Gene Name**

Ly6g

**Gene Alias**

Gr-1, Gr1, Ly-6G

**Gene Description**

lymphocyte antigen 6 complex, locus G

**Gene Ontology**[Hyperlink](#)**Gene Summary**

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**Other Designations**

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## Publication Reference

- [Neutrophil-mediated suppression of virus replication after herpes simplex virus type 1 infection of the murine cornea.](#)

Tumpey TM, Chen SH, Oakes JE, Lausch RN.

Journal of Virology 1996 Feb; 70(2):898.

- [Neutrophils are essential for resolution of primary and secondary infection with \*Listeria monocytogenes\*.](#)

Rakhmilevich AL.

Journal of Leukocyte Biology 1995 Jun; 57(6):827.

- [Administration of anti-granulocyte mAb RB6-8C5 impairs the resistance of mice to \*Listeria monocytogenes\* infection.](#)

Czuprynski CJ, Brown JF, Maroushek N, Wagner RD, Steinberg H.

Journal of Immunology 1994 Feb; 152(4):1836.