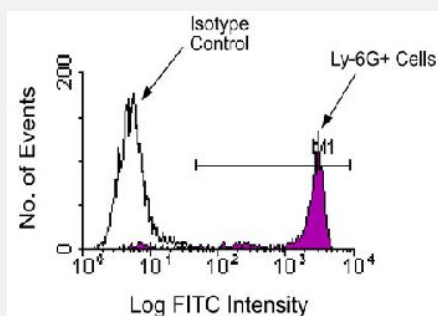


Ly6g monoclonal antibody, clone RB6-8C5 (SPRD)

Catalog # MAB5972 Size 100 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

Product Description Rat monoclonal antibody raised against native Ly6g.

Immunogen Native purified from normal murine bone marrow cells.

Host Rat

Reactivity Mouse

Specificity Specificity Mouse Ly-6G, Mr 21-25 KDa

Form Liquid

Conjugation SPRD

Isotype IgG2b, kappa

Recommend Usage Flow Cytometry (0.2 ug/10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer 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.