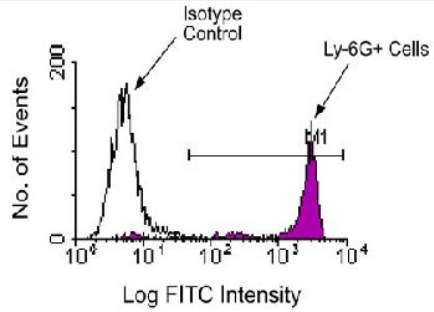
Ly6g monoclonal antibody, clone RB6-8C5 (Cy5)

Catalog # MAB5973 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	Cy5
Isotype	IgG2b, kappa
Recommend Usage	Flow Cytometry (0.2 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

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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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- 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).
- Immunoprecipitation

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	O
Other Designations	-

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.

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- 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.

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