

## Datasheet

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

**Catalog Number:** MAB5970

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rat monoclonal antibody raised against native Ly6g.

**Clone Name:** RB6-8C5

**Immunogen:** Native purified from normal murine bone marrow cells.

**Host:** Rat

**Reactivity:** Mouse

**Applications:** Flow Cyt, IHC-Fr, IP  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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

**Form:** Liquid

**Conjugation:** PE

**Isotype:** IgG2b, kappa

**Recommend Usage:** Flow Cytometry (0.2 ug/10<sup>6</sup> 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.

**Entrez GeneID:** 546644

**Gene Symbol:** Ly6g

**Gene Alias:** Gr-1, Gr1, Ly-6G

#### References:

1. Neutrophil-mediated suppression of virus replication after herpes simplex virus type 1 infection of the murine cornea. Tumphey TM, Chen SH, Oakes JE, Lausch RN. *J Virol.* 1996 Feb;70(2):898-904.
2. Neutrophils are essential for resolution of primary and secondary infection with *Listeria monocytogenes*. Rakhmilevich AL. *J Leukoc Biol.* 1995 Jun;57(6):827-31.
3. 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. *J Immunol.* 1994 Feb 15;152(4):1836-46.