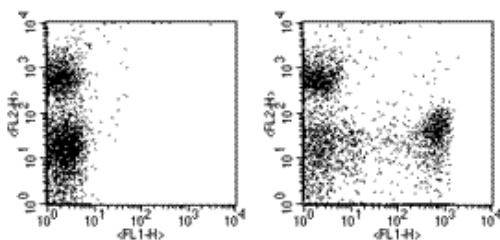


## Anti-Mouse Ly-6G (Gr-1) FITC

Catalog Number: 11-5931

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of mouse bone marrow cells with Anti-Human/Mouse CD45R (B220) PE (cat. 12-0452) and 0.25  $\mu$ g of Rat IgG2b K Isotype Control FITC (cat. 11-4031) (left) or 0.03  $\mu$ g of Anti-Mouse Ly-6G (Gr-1) FITC (right). Total viable cells were used for analysis.

### Product Information

Contents: Anti-Mouse Ly-6G (Gr-1) FITC


**REF** Catalog Number: 11-5931

Clone: RB6-8C5


Concentration: 0.5 mg/mL

Host/Isotype: Rat IgG2b, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.

**LOT** Batch Code: Refer to Vial

 Use By: Refer to Vial

 Contains sodium azide

### Description

The RB6-8C5 monoclonal antibody reacts with mouse Ly-6G, a 21-25 kDa protein also known as the myeloid differentiation antigen Gr-1. A GPI-linked protein, Gr-1 is expressed by the myeloid lineage in a developmentally regulated manner in the bone marrow. While monocytes only express Gr-1 transiently during their bone marrow development, the expression of Gr-1 on bone marrow granulocytes as well as on peripheral neutrophils is a good marker for these populations.

Blocking studies with Ly-6C (clone HK1.4) or RB6-8C5 show no effect against staining with the other clone thereby suggesting that RB6-8C5 does not recognize Ly-6C in resting bone marrow or splenocytes.

### Applications Reported

The RB6-8C5 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

The RB6-8C5 antibody has been tested by flow cytometric analysis of mouse bone marrow cells and splenocyte suspensions. This can be used at less than or equal to 0.125  $\mu$ g per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from  $10^5$  to  $10^8$  cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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#### Related Products

11-4031 Rat IgG2b K Isotype Control FITC

12-0452 Anti-Human/Mouse CD45R (B220) PE (RA3-6B2)

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