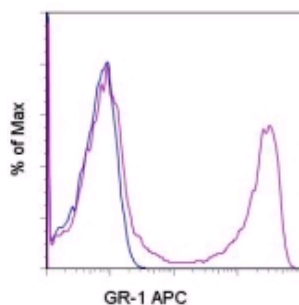


## Anti-Mouse Ly-6G (Gr-1) APC

Catalog Number: 17-5931

Also Known As: Gr1, Ly6G

RUO: For Research Use Only



Staining of C57BL/6 bone marrow cells with 0.125 µg of Rat IgG2b κ Isotype Control APC (cat. 17-4031) (blue histogram) or 0.125 µg of Anti-Mouse Ly-6G (Gr-1) APC (purple histogram). Total viable cells were used for analysis.

### Product Information

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


**REF** Catalog Number: 17-5931

Clone: RB6-8C5


Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG2b, κ

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

 Caution, contains 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 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> 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

17-4031 Rat IgG2b K Isotype Control APC

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