

## PerCP Anti-Mouse Ly6G Antibody[1A8]

**Catalog Number:** GFH1108UF

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

|                                |                                                                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>              | Mouse                                                                                                                                                     |
| <b>Host</b>                    | Rat                                                                                                                                                       |
| <b>Isotype</b>                 | Rat IgG2a, $\kappa$                                                                                                                                       |
| <b>Clone No.</b>               | 1A8                                                                                                                                                       |
| <b>Isotype Control</b>         | PerCP Rat IgG2a, $\kappa$ Isotype Control[2A3] [Product E-AB-F09833F]                                                                                     |
| <b>Conjugation</b>             | PerCP                                                                                                                                                     |
| <b>Conjugation Information</b> | PerCP is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter). |
| <b>Storage Buffer</b>          | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.                                                                                       |

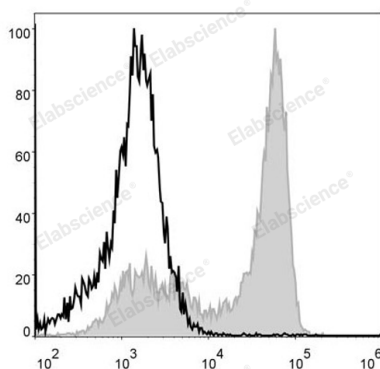
### Applications

### Recommended usage

#### FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1  $\mu\text{g}/10^6$  cells in 100  $\mu\text{L}$  volume].

### Data



C57BL/6 murine bone marrow cells are stained with PerCP Anti-Mouse Ly6G Antibody (filled gray histogram). Unstained bone marrow cells (empty black histogram) are used as control.

### Preparation & Storage

|                 |                                                                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| <b>Shipping</b> | Ice bag                                                                                                                                                   |

### Antigen Information

|                        |                                          |
|------------------------|------------------------------------------|
| <b>Alternate Names</b> | Ly-6G;Ly-6G.1;Ly6g;Lymphocyte antigen 6G |
| <b>Gene ID</b>         | 546644                                   |

### For Research Use Only

## Background

Lymphocyte antigen 6 complex, locus G (Ly-6G), a 21-25 kD GPI-anchored protein, is expressed on the majority of myeloid cells in bone marrow and peripheral granulocytes