# Elab Fluor® Violet 500 Anti-Mouse Ly6G Antibody[1A8]

**Catalog Number:** E-AB-F1108UR

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

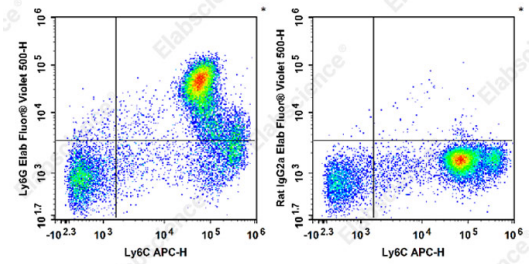
## Description

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| **Reactivity** | Mouse |
| **Host** | Rat |
| **Isotype** | Rat IgG2a, κ |
| **Clone No.** | 1A8 |
| **Isotype Control** | Elab Fluor® Violet 500 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833R] |
| **Conjugation** | Elab Fluor®Violet 500 |
| **Conjugation Information** | Elab Fluor®Violet 500 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 501 nm (e.g., a 525/45 nm bandpass filter). |
| **Storage Buffer** | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |

## Applications — Recommended usage

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| **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 μg/$10^6$ cells in 100 μL volume]. |

## Data




Staining of C57BL/6 murine bone marrow cells with APC Anti-Mouse Ly6C Antibody[Monts 1] and Elab Fluor® Violet 500 Anti-Mouse Ly6G Antibody[1A8] (left) or Elab Fluor® Violet 500 Rat IgG2a, κ Isotype Control (right). Total viable cells were used for analysis.

## Preparation & Storage

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| **Storage** | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze. |
| **Shipping** | Ice bag |

## Antigen Information

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| **Alternate Names** | Ly-6G;Ly-6G.1;Ly6g;Lymphocyte antigen 6G |
| **Uniprot ID** | P35461 |
| **Gene ID** | 546644 |

**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 .