

## Elab Fluor® Violet 610 Anti-Mouse Ly6C Antibody[Monts 1]

**Catalog Number:** E-AB-F1121UT

**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>	Monts 1
<b>Isotype Control</b>	Elab Fluor® Violet 610 Rat IgG2a, $\kappa$ Isotype Control[2A3] [Product E-AB-F09833T]
<b>Conjugation</b>	Elab Fluor® Violet 610
<b>Conjugation Information</b>	Elab Fluor® Violet 610 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 613 nm (e.g., a 615/20 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

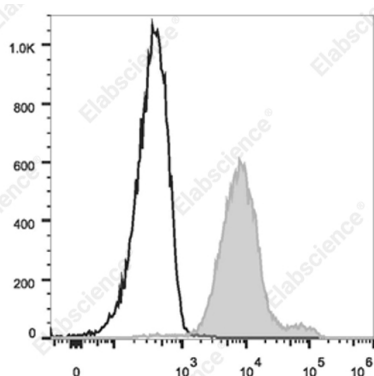
### Applications

### 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  $\mu$ g/ $10^6$  cells in 100  $\mu$ L volume].

### Data



Staining of C57BL/6 murine bone marrow cells with Elab

Fluor® Violet 610 Anti-Mouse Ly6C Antibody[Monts 1](filled gray histogram) or Elab Fluor® Violet 610 Rat IgG2a,  $\kappa$  Isotype Control (empty black histogram). Cells in the granulocytes gate were used for analysis.

### Preparation & Storage

#### Storage

Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

#### Shipping

Ice bag

### Antigen Information

#### Alternate Names

locus C;Ly6C;Ly6c1;Ly6c2;Lymphocyte antigen 6 complex

#### Uniprot ID

P0CW03

### For Research Use Only

**Gene ID**

17067

**Background**

Most hematopoietic cells express one or more members of Ly-6 family. The expression of Ly-6 varies with development stage and activation. Ly-6C is a 14-17 kD GPI-linked surface protein expressed on mouse monocyte/macrophage cells, endothelial cells, neutrophils, and some T cell subsets. Ly-6C is reported to be an indicator of memory CD8+ T cells.