

## Elab Fluor® Violet 500 Anti-Mouse Ly6C Antibody[Monts 1]

Catalog Number: E-AB-F1121R

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

### Description

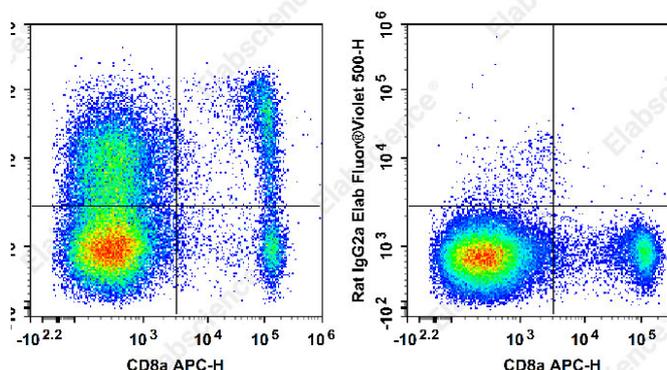
<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2a, κ
<b>Clone No.</b>	Monts 1
<b>Isotype Control</b>	Elab Fluor® Violet 500 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832R]
<b>Conjugation</b>	Elab Fluor® Violet 500
<b>Conjugation Information</b>	Elab Fluor® Violet 500 is designed 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).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications

### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Data



Staining of C57BL/6 murine splenocytes with APC Anti-Mouse CD8a Antibody[53-6.7] and Elab Fluor® Violet 500

Anti-Mouse Ly6C[Monts 1](left) or Elab Fluor® Violet 500 Rat IgG2a, κ isotype Control(right). Total viable cells were used for analysis.

### Preparation & Storage

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

### Antigen Information

<b>Alternate Names</b>	locus C; Ly6C; Ly6c1; Ly6c2; Lymphocyte antigen 6 complex
<b>Uniprot ID</b>	P0CW03
<b>Gene ID</b>	17067

### For Research Use Only

## 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.