

## FITC Anti-Mouse Ly6C Antibody[Monts 1]

Catalog Number: E-AB-F1121C

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

### Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2a, $\kappa$
Clone No.	Monts 1
Isotype Control	FITC Rat IgG2a, $\kappa$ Isotype Control[2A3] [Product E-AB-F09832C]
Conjugation	FITC
Conjugation Information	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

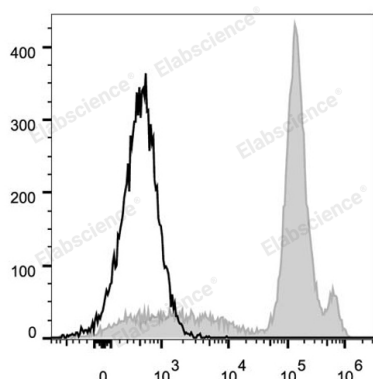
### Applications

### Recommended usage

#### FCM

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

### Data



C57BL/6 murine bone marrow cells are stained with FITC Anti-Mouse Ly6C Antibody (filled gray histogram). Unstained bone marrow cells (empty black histogram) are used as control.

### 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;Ly 6C;Ly6c1;Ly6c2;Lymphocyte antigen 6 complex
Uniprot ID	P0CW03
Gene ID	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.