

## Elab Fluor® 700 Anti-Mouse IL-6 Antibody[MP5-20F3]

Catalog Number: E-AB-F1207M1

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

### Description

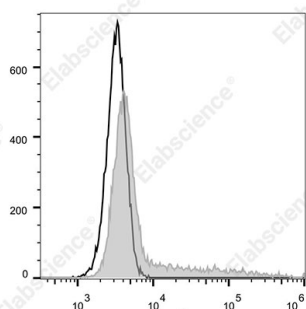
<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, $\kappa$
<b>Clone No.</b>	MP5-20F3
<b>Isotype Control</b>	Elab Fluor® 700 Rat IgG1, $\kappa$ Isotype Control[HRPN] [Product E-AB-F09822M1]
<b>Conjugation</b>	Elab Fluor® 700
<b>Conjugation Information</b>	Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 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 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L 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



Intracellular staining of the 293T cells transfected with pcDNA3.1 plasmid encoding Mouse IL-6 gene with Elab

Fluor® 700 Anti-Mouse IL-6 Antibody[MP5-20F3](filled gray histogram) or Elab Fluor® 700 Rat IgG1,  $\kappa$  Isotype Control(empty black histogram). 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>	B-cell hybridoma growth factor;IL-6;Interleukin HP-1;Interleukin-6
<b>Uniprot ID</b>	P08505

### For Research Use Only

**Gene ID**

16193

**Background**

IL-6 is a potent lymphoid cell growth factor that stimulates the growth and survivability of certain B cells and T cells. IL-6 plays a role in host defense, acute phase reactions, immune responses, and hematopoiesis. IL-6 is expressed by T cells, B cells, monocytes, fibroblasts, hepatocytes, endothelial cells and keratinocytes.