

## PE Anti-Human IL-1 alpha Antibody[364/3B3-14]

**Catalog Number:** AN00839D

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

### Description

<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, κ
<b>Clone No.</b>	364/3B3-14
<b>Isotype Control</b>	PE Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792D]
<b>Conjugation</b>	PE
<b>Conjugation Information</b>	PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

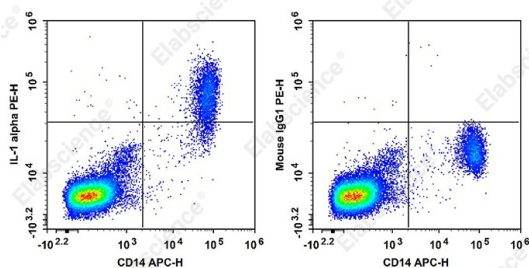
### Applications

### 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 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

### Data



LPS-stimulated (6 hours) human peripheral blood monocytes surface stained with APC Anti-Human CD14 Antibody[M5E2] and intracellular stained with PE Anti-Human IL-1 alpha Antibody[364/3B3-14](left) or PE Mouse IgG1, κ Isotype Control(right).

### Preparation & Storage

<b>Storage</b>	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.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	Interleukin-1α; Lymphocyte-activating factor (LAF); Endogenous pyrogen (EP); Leukocyte endogenous mediator (LEM); Mononuclear cell factor (MCF/MNCF)
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Rev. V1.2

**Uniprot ID**

P01583

**Gene ID**

3552

**Background**

IL-1 refers to two proteins, IL-1 $\alpha$  and IL-1 $\beta$  which are the products of distinct genes, but which are recognized by the same cell surface receptors. IL-1 $\alpha$  is a potent immuno-modulator which mediates a wide range of immune and inflammatory responses. The 364-3B3-14 antibody reacts with human interleukin-1 $\alpha$  (IL-1 $\alpha$ ). The 364-3B3-14 antibody is a non-neutralizing antibody.