

Elab Fluor® 647 Anti-Human IL-1 alpha Antibody[364/3B3-14]

Catalog Number: AN00839M

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

Description

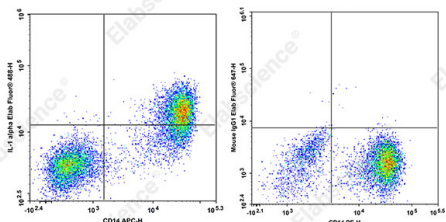
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	364/3B3-14
Isotype Control	Elab Fluor® 647 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M]
Conjugation	Elab Fluor® 647
Conjugation Information	Elab Fluor® 647 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).
Storage Buffer	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 PE Anti-Human CD14 Antibody[M5E2] and intracellular stained with Elab Fluor® 647 Anti-Human IL-1 alpha Antibody[364/3B3-14](left) or Elab Fluor® 647 Mouse IgG1, κ Isotype Control(right).

Preparation & Storage

Storage	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.
Shipping	Ice bag

Antigen Information

Alternate Names	Interleukin-1α, Lymphocyte-activating factor (LAF), Endogenous pyrogen (EP), Leukocyte endogenous mediator (LEM), Mononuclear cell factor (MCF/MNCF);AN00839
Uniprot ID	P01583

For Research Use Only

Gene ID

3552

Background

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