

Elab Fluor® 647 Anti-Human IL-12/IL-23 p40 Antibody[C8.6]

Catalog Number: AN00843M

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

Description

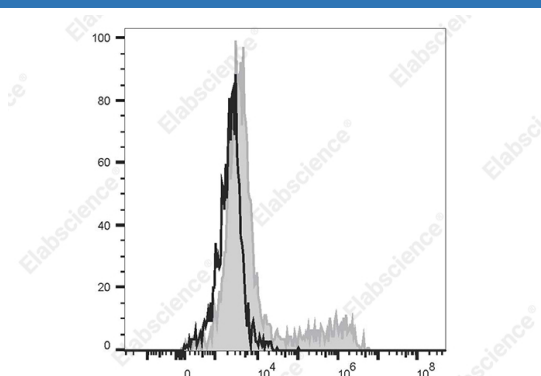
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	C8.6
Isotype Control	Elab Fluor® 647 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M]
Conjugation	Elab Fluor® 647
Conjugation Information	Elab Fluor® 647 is designed to be excited by the Red laser (627-640 nm) and detected using 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.
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Data



IFN-γ-primed and then LPS-stimulated (24h) human peripheral blood monocytes intracellular stained with Elab Fluor® 647 Anti-Human IL-12/IL-23 p40 Antibody[C8.6] (filled gray histogram) or Elab Fluor® 647 IgG1, κ Isotype Control (empty black histogram).

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)
Uniprot ID	P29460

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Rev. V1.4

Gene ID

3593

Background

The C8.6 antibody reacts with human IL-12 p40 subunit of the IL-12 p70 heterodimer and IL-23 p40 subunit of the IL-23 p19/p40, as well as p40 monomer and homodimer. The C8.6 antibody has been reported to strongly inhibit different biological activities of IL-12, (e.g., IFN-gamma induction, mitogenic effects on PHA blasts, and enhancement of NK cell-mediated cytotoxicity). The C8.6 antibody can neutralize the bioactivity of natural or recombinant IL-12.