

PE/Elab Fluor® 594 Anti-Human IL-1β Antibody[CRM56]

Catalog Number: AN00842P

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

Description

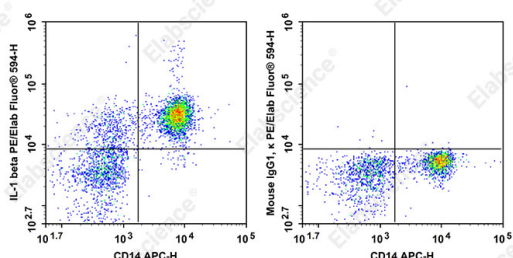
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	CRM56
Isotype Control	PE/Elab Fluor® 594 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792P]
Conjugation	PE/Elab Fluor® 594
Conjugation Information	PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 620 nm (e.g., a 610/20 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



LPS-stimulated human peripheral blood monocytes surface stained with APC Anti-Human CD14 Antibody then intracellular stained with PE/Elab Fluor® 594 Anti-Human IL-1β Antibody[CRM56](left) or PE/Elab Fluor® 594 Mouse IgG1, κ Isotype Control (right). Cells in the monocytes gate were used for analysis.

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	Integrin β3, gp111a
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For Research Use Only

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Rev. V1.5

Uniprot ID

P01584

Gene ID

3553

Background

The CRM56 antibody reacts with human and baboon interleukin-1 beta; (IL-1 beta). IL-1 beta is a 17 kDa factor secreted primarily by monocytes. IL-1 has effects on T-helper cells, inducing IL-2 secretion and expression of IL-2 receptors. IL-1 has effects on B cells, promoting cell proliferation and immunoglobulin synthesis.