

A Reliable Research Partner in Life Science and Medicine

## PE/Elab Fluor® 594 Anti-Human IL-1 beta 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.

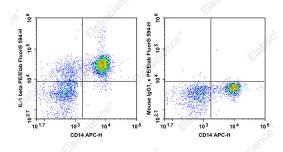
## Applications Recommended usage

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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L 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 human peripheral blood monocytes surface stained with APC Anti-Human CD14 Antibody then

intracellular stained with PE/Elab Fluor<sup>®</sup> 594 Anti-Human IL-1 beta Antibody[CRM56](left) or PE/Elab Fluor<sup>®</sup> 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 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

### **Antigen Information**

Alternate Names IL-1 beta;IL1B;IL1F2;IL-1;AN00842

## For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

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# Elabscience®

## **Elabscience Bionovation Inc.**

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 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.

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