

A Reliable Research Partner in Life Science and Medicine

# FITC Anti-Human IL-1 beta Antibody[CRM56]

Catalog Number: AN00842C

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

CRM56

#### Description

Clone No.

Reactivity Human Host Mouse

**Isotype** Mouse IgG1, κ

Isotype Control FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

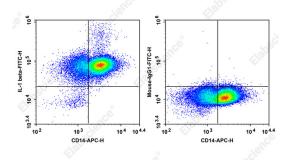
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### 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**



Normal human peripheral blood mononuclear cells were stimulated for 4 hours with LPS in the presence of Brefeldin A.Intracellular staining of the stimulated mononuclear cells with APC Anti-Human CD14 Antibody[M5E2] and FITC Anti-Human IL-1 beta Antibody[CRM56] (left) or FITC Mouse IgG1,  $\kappa$  Isotype Control (right).

#### **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

Uniprot ID P01584

### For Research Use Only

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Gene ID

Background

3553

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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