

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

Catalog Number: AN00842D

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 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792D]
Conjugation	PE
Conjugation Information	PE 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 575 nm (e.g., a 585/42 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

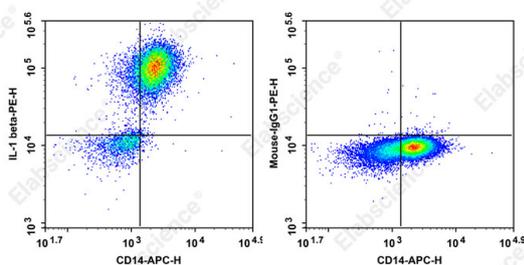
### Applications

FCM

### Recommended usage

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



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 PE Anti-Human IL-1 beta Antibody[CRM56] (left) or PE 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	CD205;Cd205;DEC-205;DEC205;Ly-75;Ly75
-----------------	---------------------------------------

### For Research Use Only

**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.