

PE Rabbit anti-Mouse IL-1β mAb

Catalog NO.: A28240

Basic Information

Observed MW

Calculated MW

31 kDa

Category

Monoclonal Antibodies

Applications

FC (intra)

Cross-Reactivity

Mouse

Conjugation

PE. Ex:565nm. Em:574nm.

Clone number

ARC74137

Background

Interleukin-1β (IL-1β) is an important cytokine and peptide regulator primarily produced by mononuclear phagocytes. It plays a key immunomodulatory role in the activation of cellular immunity. IL-1β is involved in various physiological processes, including hematopoiesis, nervous and endocrine system regulation, inflammatory responses, and certain anti-tumor mechanisms. However, sustained and aberrant production of IL-1 within local tissues can lead to systemic effects such as fever, inflammatory reactions, and pathological changes associated with certain diseases.

Recommended Dilutions

FC (intra)

≤0.5 μg per million cells in 100 μl volume

Immunogen Information

Gene ID

16176

Swiss Prot

P10749

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

IL-1b; IL-1beta

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

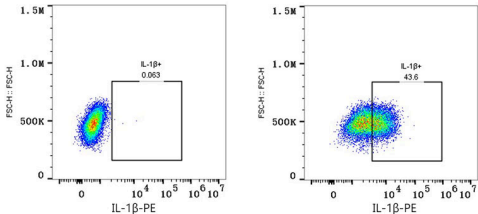
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10⁶ RAW 264.7 cells (untreated,left) and RAW 264.7 cells (treated with 100ng/ml LPS for 4h and then with 1μg/ml BFA for another 3h,right) were intracellularly-stained with PE Rabbit anti-Mouse IL-1β mAb (A28240,0.5 μg).

