ABclonal www.abclonal.com

ABflo® 488 Rabbit anti-Human IL-1β mAb

Catalog No.: A24244

Basic Information

Observed MW

Calculated MW

30kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC53391

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is produced by activated macrophages as a proprotein, which is proteolytically processed to its active form by caspase 1 (CASP1/ICE). This cytokine is an important mediator of the inflammatory response, and is involved in a variety of cellular activities, including cell proliferation, differentiation, and apoptosis. The induction of cyclooxygenase-2 (PTGS2/COX2) by this cytokine in the central nervous system (CNS) is found to contribute to inflammatory pain hypersensitivity. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2.

Recommended Dilutions

FC (intra)

5 μl per 10^6 cells in 100 μl volume

Immunogen Information

Gene ID 3553 **Swiss Prot**

P01584

Immunogen

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

Synonyms

IL1B; IL-1; IL1-BETA; IL1F2; interleukin-1 beta

Contact

2		400-999-6126
\bowtie	Τ	cn.market@abclonal.com.cn
•	Т	www.abclonal.com.cn

Product Information

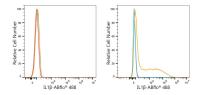
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

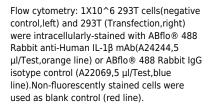
Storage

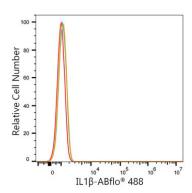
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

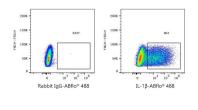
Validation Data







Flow cytometry: 1X10^6 293T cells (negative control) were intracellularly-stained with ABflo® 488 Rabbit anti-Human IL-1 β mAb(A24244,5 μ l/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 μ l/Test,blue line).Non-fluorescently stained 293T cells were used as blank control (red line).



Flow cytometry:1X10 6 293T(Transfection) cells were intracellularly-stained with ABflo 8 488 Rabbit IgG isotype control (A22069,5 μ l/Test,left) or ABflo 8 488 Rabbit anti-Human IL-1 6 mAb(A24244,5 μ l/Test,right).