# ABflo® 488 Rabbit anti-Human PU.1/SPI1 mAb

Background

Catalog No.: A24633



## **Basic Information**

**Observed MW** Refer to figures

Calculated MW 31kDa

Category Primary antibody

Applications FC (intra)

Cross-Reactivity Human

CloneNo number ARC63111-ABflo488

#### Conjugate

FC (intra)

ABflo® 488. Ex:491nm. Em:516nm.

## **Recommended Dilutions**

5 µl per 10^6 cells in

100 µl volume

## **Immunogen Information**

different isoforms have been found for this gene.

**Gene ID** 6688

Swiss Prot P17947

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PU.1/SPI1 (NP\_003111.2).

This gene encodes an ETS-domain transcription factor that activates gene expression during myeloid and B-lymphoid cell development. The nuclear protein binds to a purine-rich

sequence known as the PU-box found near the promoters of target genes, and regulates their expression in coordination with other transcription factors and cofactors. The protein

can also regulate alternative splicing of target genes. Multiple transcript variants encoding

#### Synonyms

SPI1; OF; PU.1; SFPI1; SPI-1; SPI-A; Spi-1 proto-oncogene

## Contact

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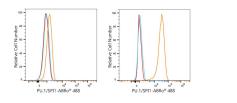
## **Product Information**

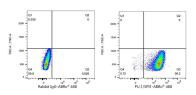
**Source** Rabbit **Isotype** IgG **Purification** Affinity purification

#### Storage

Store at 2-8°C. Avoid freeze. Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

## Validation Data





Flow cytometry: 1X10^6 HAP1 cells (negative control,left) and THP-1 cells (right) were intracellularly-stained with ABflo® 488 Rabbit anti-Human PU.1/SPI1 mAb (A24633,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line). Flow cytometry: 1X10^6 THP-1 cells were intracellularly-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human PU.1/SPI1 mAb (A24633,5 µl/Test,right).