A24634

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ABflo® 647 Rabbit anti-Human PU.1/SPI1 mAb

Catalog No.: A24634

Basic Information

Observed MW
Refer to figures

Calculated MW
31kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
FC (intra)

Cross-Reactivity
Human

CloneNo number
ARC63111-ABflo647

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC (intra)	5 µl per 10^6 cells in 100 µl volume

Contact

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Background

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 different isoforms have been found for this gene.

Immunogen Information

Gene ID
6688

Swiss Prot
P17947

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

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

Product Information

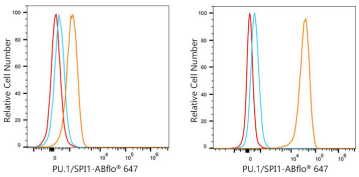
Source
Rabbit

Isotype
IgG

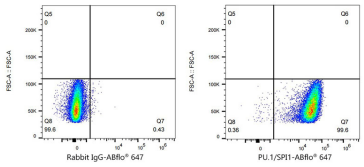
Purification
Affinity purification

Storage
Store at 2-8℃. 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 HAP1 cells (negative control,left) and THP-1 cells (right) were intracellularly-stained with ABflo® 647 Rabbit anti-Human PU.1/SPI1 mAb (A24634,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 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® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Human PU.1/SPI1 mAb (A24634,5 µl/Test,right).