

ABflo® 488 Rabbit anti-Human/Monkey CD20 mAb

Catalog No.: A22152

Basic Information

Observed MW

Refer to figures

Calculated MW

14kDa/33kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Monkey

CloneNo number

ARC51683-ABf488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein.

Immunogen Information

Gene ID

931

Swiss Prot

P11836

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human CD20 mAb (NP_068769.2).

Synonyms

B1; S7; Bp35; CD20; FMC7; CVID5; LEU-16

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

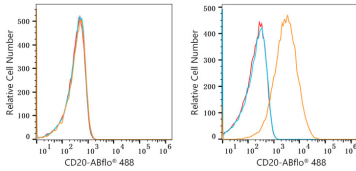
Affinity purification

Storage

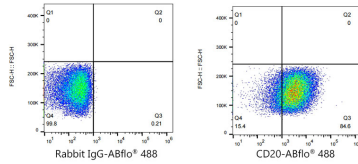
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

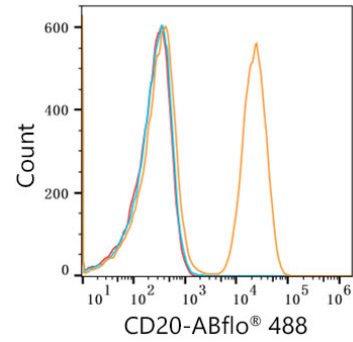
Validation Data



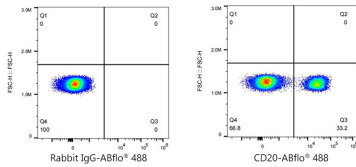
Flow cytometry: 1×10^6 Jurkat cells (negative control, left) and Daudi cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD20 mAb (A22152, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



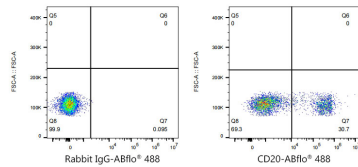
Flow cytometry: 1×10^6 Daudi cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human/Monkey CD20 mAb (A22152, 5 μ l/Test, right).



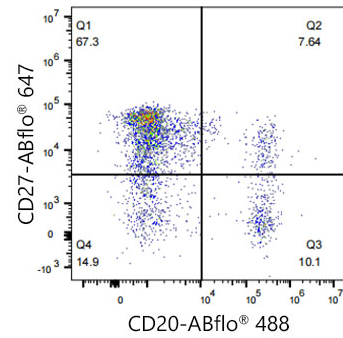
Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD20 mAb (A22152, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained Human PBMC was used as blank control (red line).



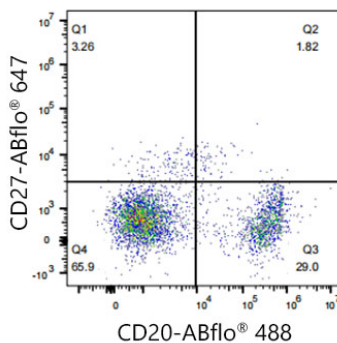
Flow cytometry: 1×10^6 Human PBMC cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human/Monkey CD20 mAb (A22152, 5 μ l/Test, right).



Flow cytometry: 1×10^6 Monkey PBMC cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human/Monkey CD20 mAb (A22152, 5 μ l/Test, right).



Flow cytometry: 1×10^6 Human PBMC cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test) or ABflo® 488 Rabbit anti-Human/Monkey CD20 mAb (A22152, 5 μ l/Test). The cells were simultaneously stained with ABflo® 647 Rabbit anti-Human CD27 mAb (A22064, 5 μ l/Test).



Flow cytometry: 1×10^6 Monkey PBMC cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test) or ABflo® 488 Rabbit anti-Human/Monkey CD20 mAb (A22152, 5 μ l/Test). The cells were simultaneously stained with ABflo® 647 Rabbit anti-Human CD27 mAb (A22064, 5 μ l/Test).