Leader in Biomolecular Solutions for Life Science

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ABflo® 647 Rabbit anti-Human CD27 mAb

Catalog No.: A22064

Basic Information

Observed MW
Refer to figures

Calculated MW
29kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC54542-ABf647

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

Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
939

Swiss Prot
P26842

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 21-192 of human CD27 (NP_001233.2).

Synonyms
T14; S152; Tp55; TNFRSF7; S152. LPFS2

Contact

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Product Information

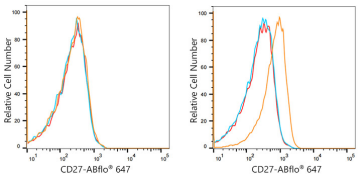
Source
Rabbit

Isotype
IgG

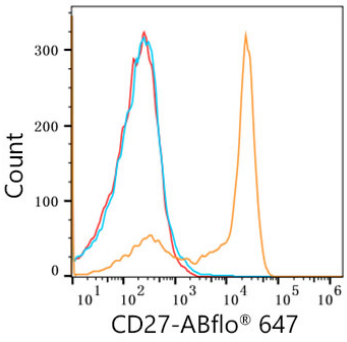
Purification
Affinity purification

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

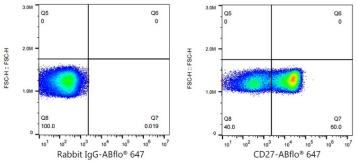
Validation Data



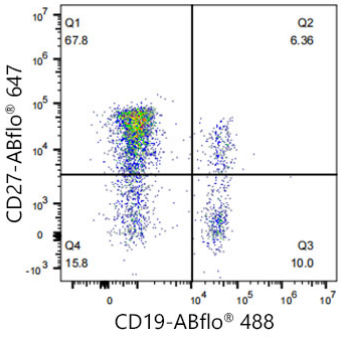
Flow cytometry:1X10^6 HEL cells (negative control,left) and Daudi cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD27 mAb(A22064,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



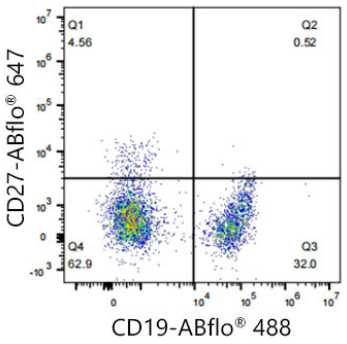
Flow cytometry:1X10^6 Human PBMC were surface-stained with ABflo® 647 Rabbit anti-Human CD27 mAb(A22064,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line).Non-fluorescently stained Human PBMC was used as blank control (red line).



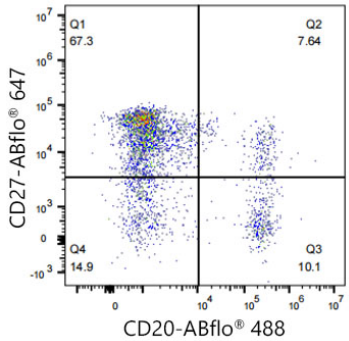
Flow cytometry:1X10^6 Human PBMC cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Human CD27 mAb(A22064,5 µl/Test,right).



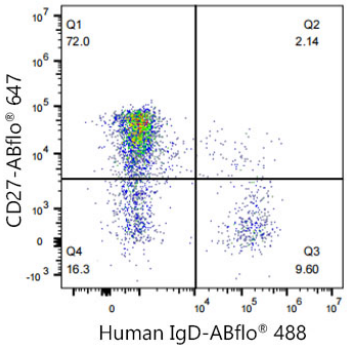
Flow cytometry:1X10^6 Human PBMC cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test) or ABflo® 647 Rabbit anti-Human CD27 mAb(A22064,5 µl/Test).The cells were simultaneously stained with ABflo® 488 Rabbit anti-Human/Monkey CD19 mAb(A23008□5 µl/Test).



Flow cytometry:1X10^6 Monkey PBMC cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test) or ABflo® 647 Rabbit anti-Human CD27 mAb(A22064,5 µl/Test).The cells were simultaneously stained with ABflo® 488 Rabbit anti-Human/Monkey CD19 mAb(A23008□5 µl/Test).



Flow cytometry:1X10^6 Human PBMC cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test) or ABflo® 647 Rabbit anti-Human CD27 mAb(A22064,5 µl/Test).The cells were simultaneously stained with ABflo® 488 Rabbit anti-Human/Monkey CD20 mAb(A22152□5 µl/Test).



Flow cytometry:1X10^6 Human PBMC cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test) or ABflo® 647 Rabbit anti-Human CD27 mAb(A22064,5 µl/Test).The cells were simultaneously stained with ABflo® 488 Rabbit anti-Human IgD mAb(5 µl/Test).