Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Human/Mouse CD55/DAF mAb

Catalog No.: A23897

Basic Information

Observed MW

Calculated MW
42KDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human, Mouse

CloneNo number
ARC60934-ABflo488

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

Background

This gene encodes an inhibitor of both the classical and the alternative pathways of complement activation. The encoded preproprotein undergoes post-translational processing to generate a mature polypeptide anchored to the plasma membrane via a glycosylphosphatidylinositol moiety. Erythrocytes from mice deficient in the encoded protein exhibit impaired regulation of complement activation resulting in enhanced complement deposition. Mice lacking the encoded protein exhibit enhanced susceptibility to experimentally induced myasthenia gravis. This gene is located adjacent to a closely related gene on chromosome 1.

Recommended Dilutions

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

Immunogen Information

Gene ID
13136

Swiss Prot
Q61475

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 35-361 of mouse CD55/DAF（NP_034146.2）.

Synonyms
Daf; Daf1; Daf-GPI; GPI-DAF

Contact

400-999-6126

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Product Information

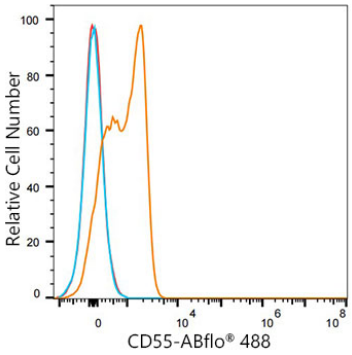
Source
Rabbit

Isotype
IgG

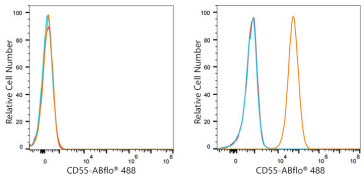
Purification
Affinity purification

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

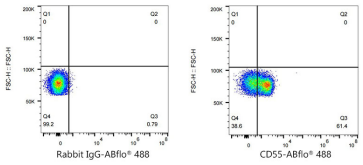
Validation Data



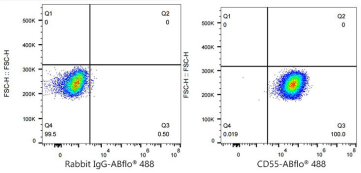
Flow cytometry: 1X10^6 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 488 Rabbit anti-Human/Mouse CD55/DAF mAb(A23897,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line).Non-fluorescently stained C57BL/6 mouse Splenocytes were used as blank control (red line).



Flow cytometry: 1X10^6 SH-SH5Y cells(negative control,left) and Hela cells(right) were surface-stained with ABflo® 488 Rabbit anti-Human/Mouse CD55/DAF mAb(A23897,5 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 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 488 Rabbit anti-Human/Mouse CD55/DAF mAb(A23897,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line).Non-fluorescently stained C57BL/6 mouse Splenocytes were used as blank control (red line).



Flow cytometry:1X10^6 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human/Mouse CD55/DAF mAb(A23897,5 µl/Test,right).



Flow cytometry:1X10^6 Hela cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human/Mouse CD55/DAF mAb(A23897,5 µl/Test,right).