

# ABflo® 594 Rabbit anti-Human/Mouse CD55/DAF mAb

Catalog No.: A23899

## Basic Information

### Observed MW

### Calculated MW

42KDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC60934-ABflo594

### Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## 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.

## 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

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

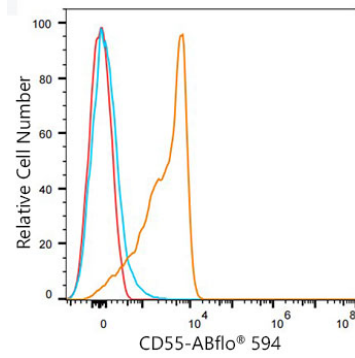
Affinity purification

### Storage

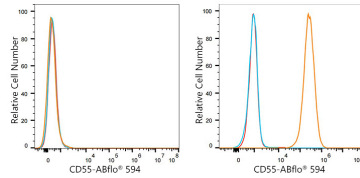
Store at 2-8°C. Avoid freeze.

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

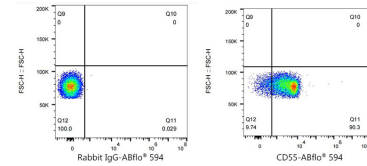
## Validation Data



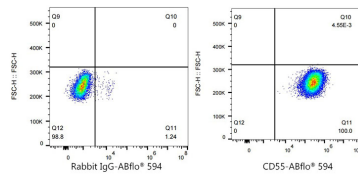
Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse Splenocytes were surface-stained with ABflo® 594 Rabbit anti-Human/Mouse CD55/DAF mAb (A23899, 5  $\mu$ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, blue line). Non-fluorescently stained C57BL/6 mouse Splenocytes were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  SH-SY5Y cells (negative control, left) and HeLa cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human/Mouse CD55/DAF mAb (A23899, 5  $\mu$ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse Splenocytes were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, left) or ABflo® 594 Rabbit anti-Human/Mouse CD55/DAF mAb (A23899, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  HeLa cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, left) or ABflo® 594 Rabbit anti-Human/Mouse CD55/DAF mAb (A23899, 5  $\mu$ l/Test, right).