

ABflo® 647 Rabbit anti-Mouse CD59a mAb

Catalog No.: A23362

Basic Information

Observed MW

Calculated MW

14kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC57958-ABf647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Predicted to enable complement binding activity. Involved in several processes, including negative regulation of angiogenesis; negative regulation of fibroblast growth factor production; and negative regulation of vascular endothelial growth factor receptor signaling pathway. Acts upstream of or within negative regulation of activation of membrane attack complex. Located in external side of plasma membrane. Is expressed in several structures, including Meckel's cartilage; nervous system; neural retina; skeleton; and testis. Human ortholog(s) of this gene implicated in colorectal carcinoma and ovarian cancer. Orthologous to human CD59 (CD59 molecule (CD59 blood group)).

Immunogen Information

Gene ID

12509

Swiss Prot

O55186

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-96 of mouse CD59a (NP_031678.1).

Synonyms

Cd59; MACIF; MAC-IP

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

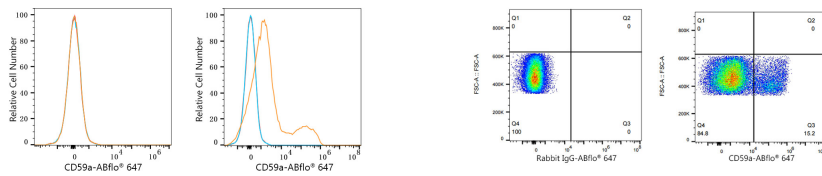
Affinity purification

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 293F cells (negative control, left) and 293F (Transfection) cells were surface-stained with ABflo® 647 Rabbit anti-Mouse CD59a mAb (A23362, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 293F (Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Mouse CD59a mAb (A23362, 5 μ l/Test, right).