

ABflo® 488 Rabbit anti-Mouse CD59a mAb

Catalog NO.: A23361

Basic Information

Observed MW

Calculated MW

14kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC57958

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)).

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

12509

Swiss Prot

O55186

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

Cd59; MACIF; MAC-IP

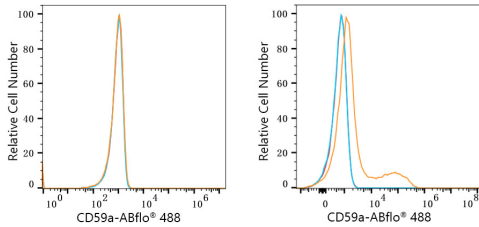
Contact

Product Information

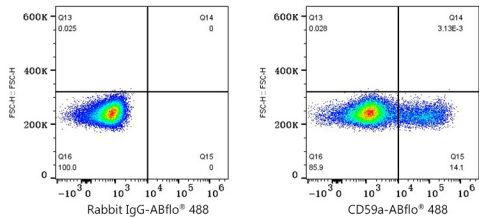
☒		order@abclonal.com
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

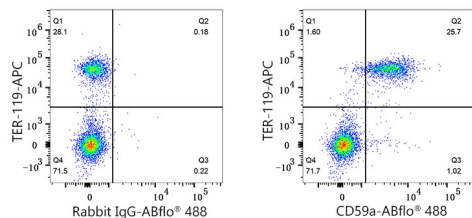
Validation Data



Flow cytometry:1X10⁶ 293F cells(negative control,left) and 293F(Transfection,right) cells were surface-stained with ABflo® 488 Rabbit anti-Mouse CD59a mAb(A23361,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line).Non-fluorescently stained cells was used as blank control (red line).



Flow cytometry:1X10⁶ 293F(Transfection) cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse CD59a mAb(A23361,5 µl/Test,right).



Flow cytometry: 1×10^6 C57BL/6 mouse bone marrow cell were surface-stained with FITC Anti-Mouse TER-119 mAb (A25656, 0.5 μ g) and ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Mouse CD59a mAb (A23361, 5 μ l/Test, Right).