

ABflo® 594 Rabbit anti-Mouse VCAM-1/CD106 mAb

Catalog No.: A25750

Basic Information

Observed MW

Calculated MW

38kDa/81kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC65686

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

Background

Predicted to enable integrin binding activity and primary amine oxidase activity. Acts upstream of or within several processes, including cellular response to glucose stimulus; chorio-allantoic fusion; and heterophilic cell-cell adhesion via plasma membrane cell adhesion molecules. Located in apical plasma membrane. Is expressed in several structures, including brain; embryo mesenchyme; extraembryonic component; heart; and hemolymphoid system. Human ortholog(s) of this gene implicated in hypertension. Orthologous to human VCAM1 (vascular cell adhesion molecule 1).

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

22329

Swiss Prot

P29533

Immunogen

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

Synonyms

CD106; Vcam-1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

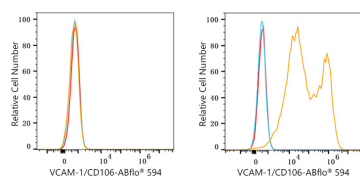
Affinity purification

Storage

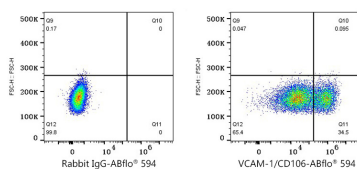
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

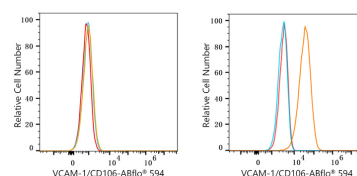
Validation Data



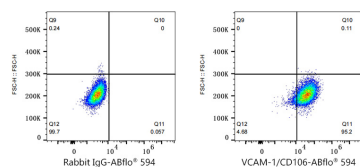
Flow cytometry: 1×10^6 293T cells (negative control, left) and 293T (Transfection, right) cells were surface-stained with ABflo® 594 Rabbit anti-Mouse VCAM-1/CD106 mAb (A25750, 5 μ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 293T (Transfection) cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, left) or ABflo® 594 Rabbit anti-Mouse VCAM-1/CD106 mAb (A25750, 5 μ l/Test, right).



Flow cytometry: 1×10^6 RAW 264.7 cells (negative control, left) and MS1 cells (right) were surface-stained with ABflo® 594 Rabbit anti-Mouse VCAM-1/CD106 mAb (A25750, 5 μ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 MS1 cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, left) or ABflo® 594 Rabbit anti-Mouse VCAM-1/CD106 mAb (A25750, 5 μ l/Test, right).