

ABflo® 594 Rabbit anti-Mouse CD146 mAb

Catalog No.: A24399

Basic Information

Observed MW

Refer to figures

Calculated MW

71kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC62356

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Predicted to be involved in angiogenesis and positive regulation of cell migration. Predicted to act upstream of or within heterophilic cell-cell adhesion via plasma membrane cell adhesion molecules. Predicted to be located in external side of plasma membrane; extracellular space; and nucleus. Predicted to be active in plasma membrane. Is expressed in several structures, including adipose tissue; genitourinary system; gut; nervous system; and respiratory system. Orthologous to human MCAM (melanoma cell adhesion molecule).

Immunogen Information

Gene ID
84004

Swiss Prot
Q8R2Y2

Immunogen

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

Synonyms

CD146; CD149; Muc18; s-endo; 1-gicerin; s-gicerin

Contact

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Product Information

Source
Rabbit

Isotype
IgG

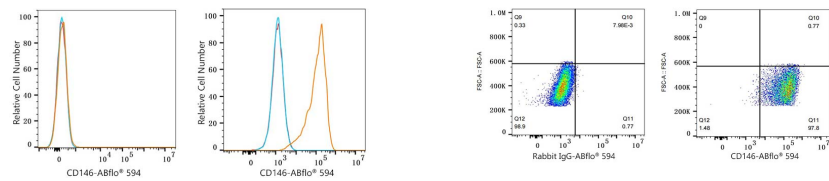
Purification
Affinity purification

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 CTLL-2 cells (negative control, Left) and bEnd.3 cells (Right) were surface-stained with ABflo® 594 Rabbit anti-Mouse CD146 mAb (A24399, 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 bEnd.3 cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, left) or ABflo® 594 Rabbit anti-Mouse CD146 mAb (A24399, 5 μ l/Test, right).