

# ABflo® 647 Rabbit anti-Mouse CD146 mAb

Catalog No.: A24398

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

71kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC62356-ABflo647

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> 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 corresponding to a sequence within amino acids 24-563 of mouse CD146 (NP\_075548.2)


### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

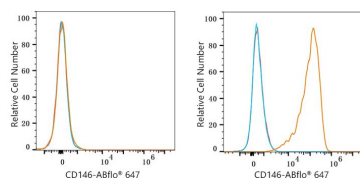
Affinity purification

### Storage

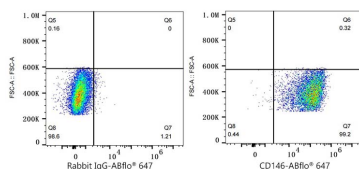
Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  CTLL-2 cells (negative control, Left) and bEnd.3 cells (Right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD146 mAb (A24398, 5  $\mu$ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  bEnd.3 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, left) or ABflo® 647 Rabbit anti-Mouse CD146 mAb (A24398, 5  $\mu$ l/Test, right).