

# ABflo® 488 Rabbit anti-Mouse CD321/JAM-1 mAb

Catalog No.: A25209

## Basic Information

### Observed MW

### Calculated MW

32kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC65186

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Background

Predicted to enable PDZ domain binding activity; integrin binding activity; and protein homodimerization activity. Involved in intestinal absorption; regulation of cytokine production; and regulation of membrane permeability. Acts upstream of or within cell adhesion and epithelial cell differentiation. Located in bicellular tight junction. Is expressed in several structures, including 4-8 cell stage embryo; alimentary system; respiratory system; sensory organ; and urinary system. Human ortholog(s) of this gene implicated in hypertension. Orthologous to human F11R (F11 receptor).

## Immunogen Information

### Gene ID

16456

### Swiss Prot

O88792

### Immunogen

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

### Synonyms

JAM; Jcam; JAM-1; JAM-A; Jcam1; Ly106; ESTM33; 9130004G24; JAM-A/CD321

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

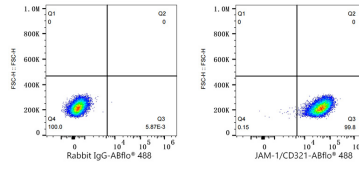
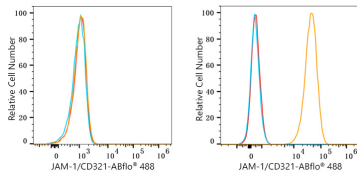
Affinity purification

### 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:  $1 \times 10^6$  Neuro-2a cells (negative control, left) and bEnd.3 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse JAM-1/CD321 mAb (A25209,5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/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® 488 Rabbit IgG isotype control (A22069,5 µl/Test, left) or ABflo® 488 Rabbit anti-Mouse JAM-1/CD321 mAb (A25209,5 µl/Test, right).