

ABflo® 594 Rabbit anti-Mouse CD321/JAM-1 mAb

Catalog No.: A25210

Basic Information

Observed MW

Calculated MW

32kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC65186

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

Recommended Dilutions

FC 5 µl per 10⁶ 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

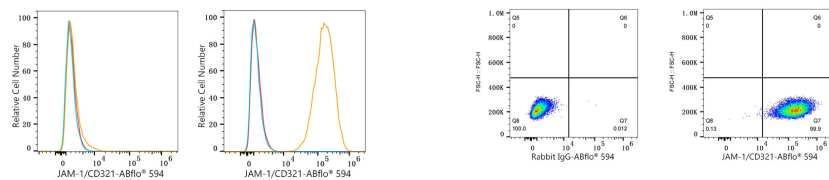
Affinity purification

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: 1×10^6 Neuro-2a cells (negative control, left) and bEnd.3 cells (right) were surface-stained with ABflo® 594 Rabbit anti-Mouse JAM-1/CD321 mAb (A25210, 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 JAM-1/CD321 mAb (A25210, 5 μ l/Test, right).