Leader in Biomolecular Solutions for Life Science

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

Catalog No.: A25210

Basic Information

Observed MW

Calculated MW
32kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC65186-ABflo594

Conjugate
ABflo® 594. Ex:588nm. Em:604nm.

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).

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
16456

Swiss Prot
O88792

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 27-242 of mouse JAM-1/CD321 (NP_766235.1).

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

Contact

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Product Information

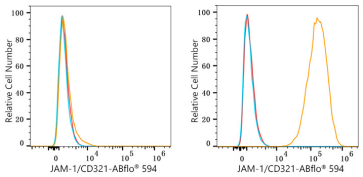
Source
Rabbit

Isotype
IgG

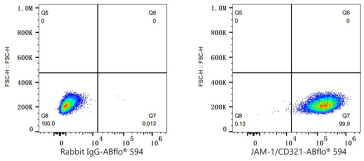
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 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 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 bEnd.3 cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo® 594 Rabbit anti-Mouse JAM-1/CD321 mAb (A25210,5 µl/Test,right).