

ABflo® 647 Rabbit anti-Rat CD31/PECAM1 mAb

Catalog No.: A25153

Basic Information

Observed MW

Calculated MW

76kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Rat

CloneNo number

ARC64727

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Enables protein phosphatase binding activity. Involved in several processes, including cellular response to interferon-gamma; negative regulation of GTPase activity; and negative regulation of actin filament polymerization. Located in cell surface and ruffle. Used to study pulmonary hypertension. Biomarker of bacterial pneumonia; orchitis; and osteoarthritis. Human ortholog(s) of this gene implicated in coronary artery disease (multiple); lung non-small cell carcinoma; neuroblastoma; and psoriatic arthritis. Orthologous to human PECAM1 (platelet and endothelial cell adhesion molecule 1).

Immunogen Information

Gene ID

29583

Swiss Prot

Q3SWT0

Immunogen

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

Synonyms

CD31; Pecam; CD31/PECAM1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

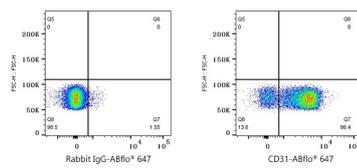
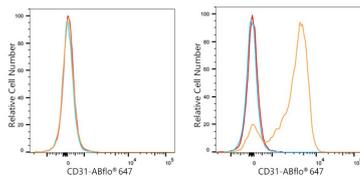
Affinity purification

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 PC-12 cells (negative control, left) and Rat Splenocytes (right) were surface-stained with ABflo® 647 Rabbit anti-Rat CD31 mAb (A25153, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 Rat Splenocytes were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Rat CD31 mAb (A25153, 5 μ l/Test, right).