

ABflo® 488 Rabbit anti-Human CD31/PECAM1 mAb

Catalog No.: A22508

1 Publications

Basic Information

Observed MW

Refer to figures

Calculated MW

83kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC54799

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation.

Immunogen Information

Gene ID

5175

Swiss Prot

P16284

Immunogen

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


Synonyms

CD31; PECA1; GPIIA'; PECAM-1; endoCAM; CD31/EndoCAM

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

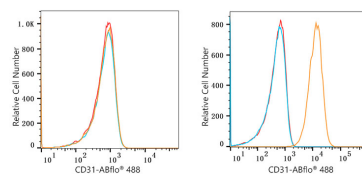
Affinity purification

Storage

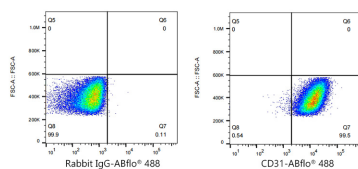
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

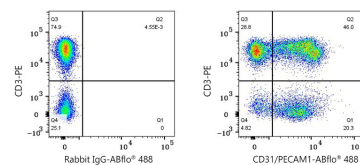
Validation Data



Flow cytometry: 1×10^6 SK-BR-3 cells (negative control, left) and HEL cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD31/PECAM1 mAb (A22508, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 HEL cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human CD31 mAb (A22508, 5 μ l/Test, right).



Flow cytometry: 1×10^6 Human PBMC were surface-stained with PE Rabbit anti-Human CD3 mAb (A27110, 5 μ l/Test) and ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human CD31/PECAM1 mAb (A22508, 5 μ l/Test, right). Cells in the Lymphocytes gate were used for analysis.