

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.

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.

Recommended Dilutions

FC

5 μl per 10^6 cells in 100 μl volume

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

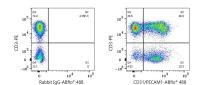
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

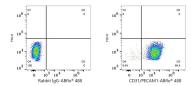
Storage

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: 1X10^6 Human PBMC were surface-stained with PE Rabbit anti-Human CD3 mAb (A27110,5 μ I/Test) and ABflo® 488 Rabbit IgG isotype control (A22069,5 μ I/Test,left) or ABflo® 488 Rabbit anti-Human CD31/PECAM1 mAb (A22508,5 μ I/Test,right). Cells in the Lymphocytes gate were used for analysis.

Flow cytometry: 1X10^6 Human peripheral blood platelets were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD31/PECAM1 mAb (A22508,5 µl/Test,right).