

A22508

Leader in Biomolecular Solutions for Life Science



ABflo® 488 Rabbit anti-Human CD31/PECAM1 mAb

Catalog No.: A22508

Basic Information

Observed MW

Refer to figures

Calculated MW

83kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC54799-ABf488

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 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

5175

Swiss Prot

P16284

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 28-601 of human CD31 (NP_000433.4).

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

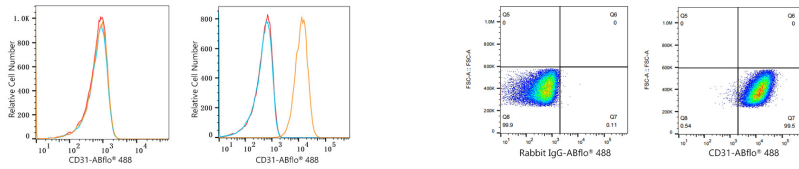
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.03% proclin300,0.2% BSA,50% glycerol,pH7.3.

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).