

ABflo® 647 Rabbit anti-Human CD34 mAb

Catalog No.: A25894

Basic Information

Observed MW

Calculated MW

35kDa/41kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC67795-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Background

The protein encoded by this gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

947

Swiss Prot

P28906

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 170-290 of human CD34 (NP_001020280.1).

Synonyms

CD34;CD34 molecule;GIG3;MORT1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ HeLa cells (negative control, left) and MOLT-4 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD34 mAb (A25894, 5 µl/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10⁶ MOLT-4 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Human CD34 mAb (A25894, 5 µl/Test, right).