

ABflo® 647 Rabbit anti-Human CD34 mAb

Catalog No.: A25894

Basic Information

Observed MW

Calculated MW

35kDa/41kDa

Category

Primary antibody

Applications

IF/ICC,FC

Cross-Reactivity

Human

CloneNo number

ARC67795

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

IF/ICC 1:50 - 1:200

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

947

Swiss Prot

P28906

Immunogen

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

Synonyms

CD34;CD34 molecule;GIG3;MORT1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

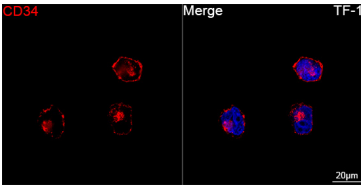
Affinity purification

Storage

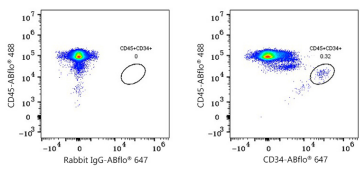
Store at 2-8°C. Avoid freeze.

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

Validation Data



Confocal imaging of TF-1 cells using ABflo® 647 Rabbit anti-Human CD34 mAb (A25894, dilution 1:100) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Flow cytometry:1X10⁶ Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD45 mAb (A22494,5 µl/Test) and ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Human CD34 mAb (A25894,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.