

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

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

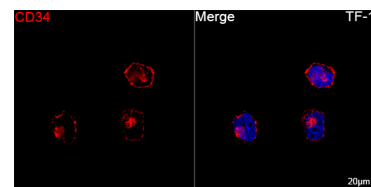
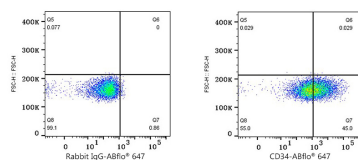
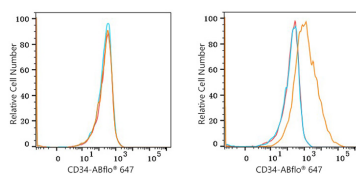
Affinity purification

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.

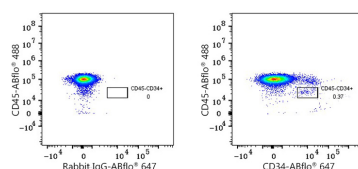
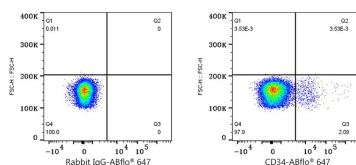
Validation Data



Flow cytometry: 1×10^6 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: 1×10^6 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).

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: 1×10^6 Human PBMC 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). Cells in the lymphocyte gate were used for analysis.

Flow cytometry: 1×10^6 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.