Leader in Biomolecular Solutions for Life Science

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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 10^6 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

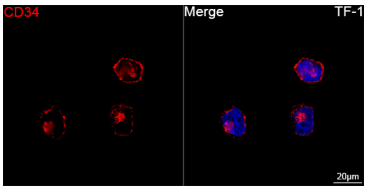
Source
Rabbit

Isotype
IgG

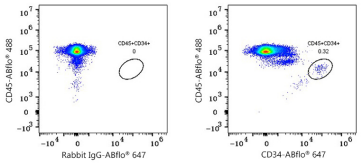
Purification
Affinity purification

Storage
Store at 2-8℃. 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:1X10^6 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.