

# 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 10<sup>6</sup> 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: 1X10<sup>6</sup> 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: 1X10<sup>6</sup> 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).