

# CD34 Rabbit mAb

Catalog No.: A25367 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

35kDa/41kDa

### Category

Primary antibody

### Applications

IF/ICC,FC,ELISA

### Cross-Reactivity

Mouse

### CloneNo number

ARC58336

## Background

Enables sulfate binding activity. Acts upstream of or within leukocyte migration. Located in cytoplasm; external side of plasma membrane; and extracellular region. Is expressed in several structures, including alimentary system; cardiovascular system; extraembryonic component; genitourinary system; and skin. Orthologous to human CD34 (CD34 molecule).

## Recommended Dilutions

**IF/ICC** 1:200 - 1:800

**FC** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

12490

### Swiss Prot

Q64314

### 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

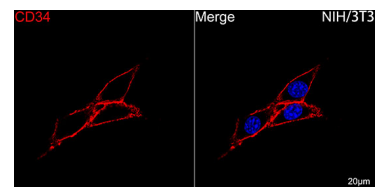
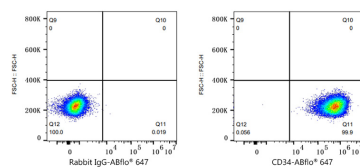
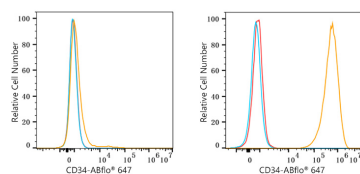
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  Neuro-2a cells (negative control, left) and NIH/3T3 cells (right) were surface-stained with CD34 Rabbit mAb (A25367, 2 µg/mL, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  NIH/3T3 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or CD34 Rabbit mAb (A25367, 2 µg/mL, right).

Confocal imaging of NIH/3T3 cells using CD34 Rabbit mAb (A25367, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.