

CD34 Rabbit mAb

Catalog No.: A25367 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

35kDa/41kDa

Category

Primary antibody

Applications

IF,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 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 fusion protein containing a sequence corresponding to amino acids 35-287 of mouse CD34 (NP_598415.1).

Synonyms

CD34; CD34 molecule; GIG3; MORT1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

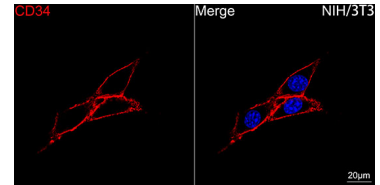
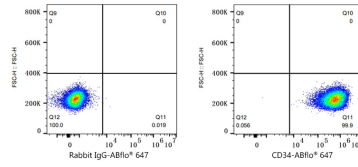
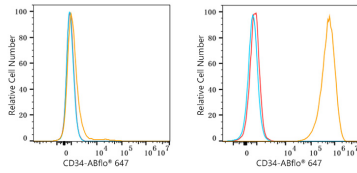
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Flow cytometry: 1×10^6 Neuro-2a cells (negative control, left) and NIH/3T3 cells (right) were surface-stained with CD34 Rabbit mAb (A25367, 2 $\mu\text{g}/\text{mL}$, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 $\mu\text{l}/\text{Test}$, 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: 1×10^6 NIH/3T3 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 $\mu\text{l}/\text{Test}$, left) or CD34 Rabbit mAb (A25367, 2 $\mu\text{g}/\text{mL}$, 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.