

CD34 Rabbit mAb

Catalog No.: A25821 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

35kDa/41kDa

Category

Primary antibody

Applications

ELISA,IHC-P,IF/ICC,FC

Cross-Reactivity

Human

CloneNo number

ARC67795

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

IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:200
FC	1:1000 - 1:5000

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

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

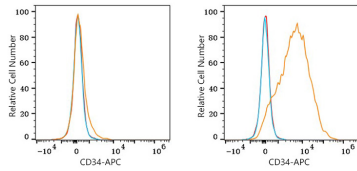
Affinity purification

Storage

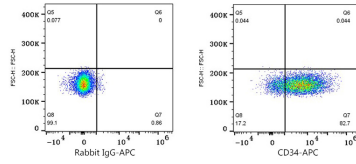
Store at -20°C. Avoid freeze / thaw cycles.

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

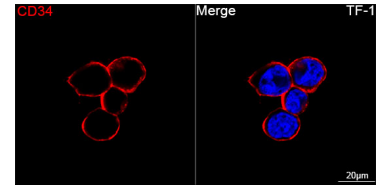
Validation Data



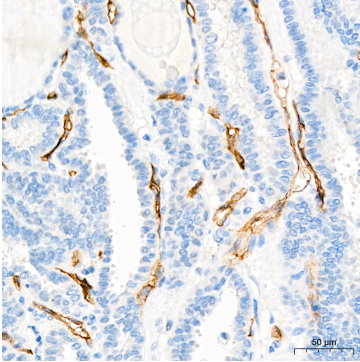
Flow cytometry: 1X10⁶ HeLa cells (negative control, left) and MOLT-4 cells (right) were surface-stained with CD34 Rabbit mAb (A25821, 2 µg/mL, orange line) or Rabbit IgG isotype control (AC042, 2 µg/mL, blue line), followed by APC conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



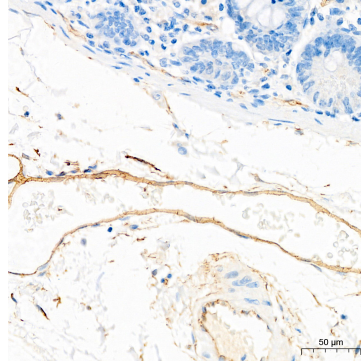
Flow cytometry: 1X10⁶ MOLT-4 cells were surface-stained with Rabbit IgG isotype control (AC042, 2 µg/mL, left) or CD34 Rabbit mAb (A25821, 2 µg/mL, right), followed by APC conjugated goat anti-rabbit pAb staining.



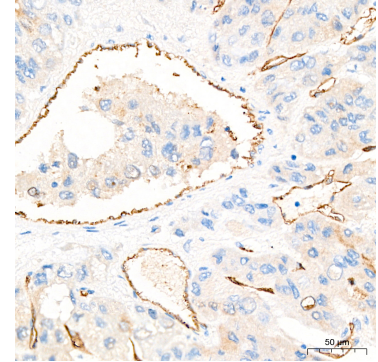
Confocal imaging of TF-1 cells using CD34 Rabbit mAb (A25821, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Immunohistochemistry analysis of paraffin-embedded Human thyroid tissue using CD34 Rabbit mAb (A25821) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using CD34 Rabbit mAb (A25821) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using CD34 Rabbit mAb (A25821) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.