

CD34 Rabbit mAb

Catalog No.: A22197 **Recombinant**

Basic Information

Observed MW

90-120kDa

Calculated MW

41kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human

CloneNo number

ARC55664

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

WB 1:1000 - 1:5000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

947

Swiss Prot

P28906

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 32-290 of human CD34 (NP_001020280.1).

Synonyms

CD34; CD34 molecule; GIG3; MORT1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

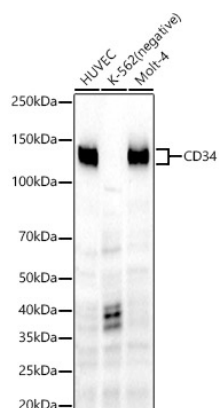
Affinity purification

Storage

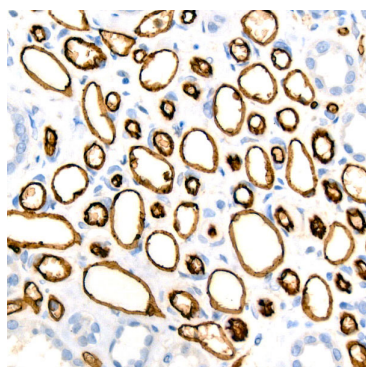
Store at -20°C. Avoid freeze / thaw cycles.

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

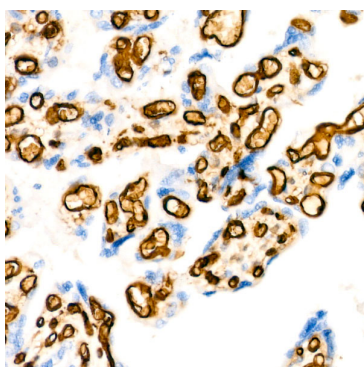
Validation Data



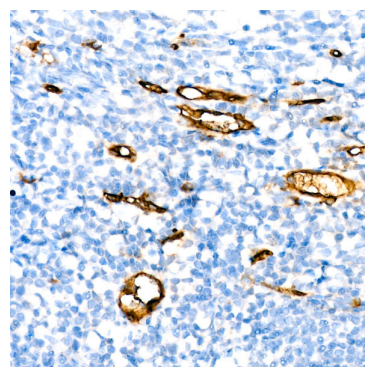
Western blot analysis of various lysates, using CD34 Rabbit mAb (A22197) at 1:2000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:200000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 180s.



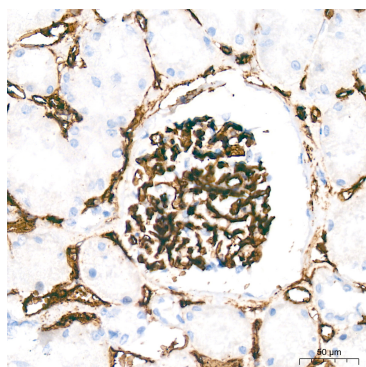
Immunohistochemistry analysis of CD34 in paraffin-embedded human kidney using CD34 Rabbit mAb (A22197) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CD34 in paraffin-embedded human placenta using CD34 Rabbit mAb (A22197) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CD34 in paraffin-embedded human tonsil using CD34 Rabbit mAb (A22197) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CD34 in paraffin-embedded Human kidney tissue using CD34 Rabbit mAb (A22197) at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.