

Rabbit anti-Human CD34 Monoclonal Antibody | anti-CD34 antibody

CD34 Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283074	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

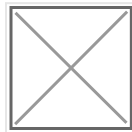
PRODUCT SYNONYMS

CD34; Monoclonal Antibody; CD34 Rabbit PolymAb; anti-CD34 antibody

PRODUCT SPECIFICATIONS

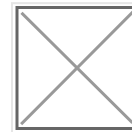
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SLDNNGTATP ELPTQGTFNS VSTNVSYQET TTPSTLGSTS LHPVSQHGNE ATTNITETTV KFTSTSVITS VYGNTNSSVQ SQTSVISTVF TTPANVSTPE TTLKPSLSPG NVSDLSTTST SLATSPTKPY TSSSPILSDI KAEIKCSGIR EVKLTQGICL EQNKTSSCAE FKKDRGEGLA RVLGEGEQAD ADAGAQVCSL LLAQSEVRPQ CLLLVLANRT EISSKLQLMK KHQSDLKKLG ILDFTEQDVA SHQSYSQKT
Applicable Applications for anti-CD34 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 32-290 of human CD34 (NP_001020280.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of TF-1 cells using CD34 Rabbit PolymAb® (AAA283074, dilution 1:800) 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.



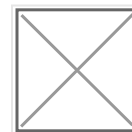
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using CD34 Rabbit PolymAb® (AAA283074) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using CD34 Rabbit PolymAb® (AAA283074) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using CD34 Rabbit PolymAb® (AAA283074) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using CD34 Rabbit PolymAb® (AAA283074) at 1:3000 dilution incubated overnight at 4?. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): K-562 Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CD34 antibody	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.
Product Categories/Family for anti-CD34 antibody	Cancer; Tumor biomarkers; Cell Biology Developmental Biology; Immunology Inflammation; CD's; Neuroscience; Cell Type Marker; Stem Cells; Hematopoietic Progenitors; Mesenchymal Stem Cells; Cardiovascular; Heart; Cardiogenesis; Neuron marker; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	264769
NCBI GeneID	947
UniProt Accession #	P28906; Q15970; Q15971; Q5JTA3; Q5JTA4; Q9UJB1; A8K664
Molecular Weight	Calculated MW: 41kDa/35kDa Observed MW: 90-120kDa
UniProt Protein Name	Hematopoietic progenitor cell antigen CD34
UniProt Gene Name	CD34
UniProt Entry Name	CD34_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd34-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/283074>