

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

CD34 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108732	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CD34; Monoclonal Antibody; CD34 Antibody; anti-CD34 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	4H5E7, 9B10D4
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Applicable Applications for anti-CD34 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of CD34 expressed in E. Coli.
Preparation and Storage	Store at 4°C, for long term storage, store at -20°C.

IMAGES



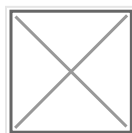
IF (Immunofluorescence)

Figure 3. Immunofluorescence analysis of peripheral blood cells using CD34 mouse mAb.



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human spleen using CD34 mouse mAb with DAB staining.



WB (Western Blot)

Figure 1. Western blot analysis using CD34 mouse mAb against truncated CD34 recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-CD34 antibody

CD34 is a transmembrane glycoprotein with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells, endothelial cells and some fibroblasts. It could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. CD34 is highly expressed on hematopoietic progenitors, as well as on endothelial cells. CD34 has been used to measure angiogenesis, which reportedly predicts tumor recurrence.

Product Categories/Family for anti-CD34 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68342038
NCBI GeneID	947
NCBI Accession #	NP_001020280.1
NCBI GenBank Nucleotide #	NM_001025109.1
UniProt Accession #	P28906; Q15970; Q15971; Q5JTA3; Q5JTA4; Q9UJB1; A8K664
NCBI Official Full Name	hematopoietic progenitor cell antigen CD34 isoform a
NCBI Official Synonym Full Names	CD34 molecule
NCBI Official Symbol	CD34
NCBI Protein Information	hematopoietic progenitor cell antigen CD34
UniProt Protein Name	Hematopoietic progenitor cell antigen CD34
UniProt Gene Name	CD34

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-clone-4h5e7-9b10d4-immunofluorescence-immunohistochemistry-western-blot-elisa/108732>