

CD34 recombinant antibody

Anti-CD34 Antibody, Mouse Monoclonal

CATALOG # AAA259485	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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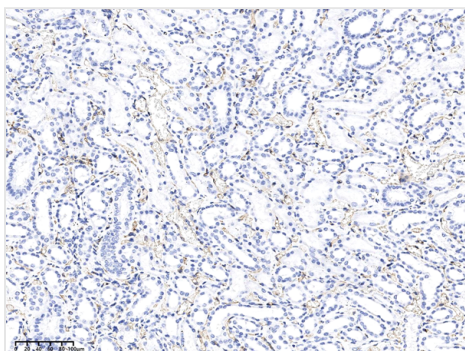
PRODUCT SYNONYMS

CD34; Monoclonal Recombinant Antibody; Anti-CD34 Antibody; Mouse Monoclonal; CD34 Antibody; Mouse MAb; CD34 molecule; CD34 recombinant antibody

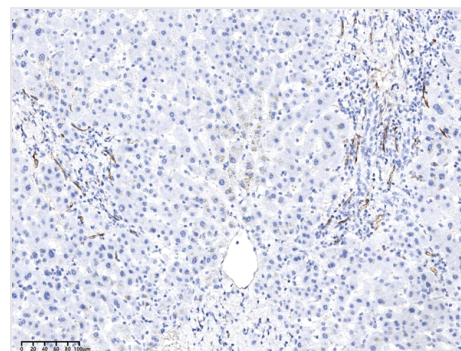
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	14
Specificity	Human CD34
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for CD34 recombinant antibody	IHC (Immunohistochemistry)
Immunogen	Full length human CD34 expression plasmid
Preparation	This product is a recombinant monoclonal antibody expressed from HEK293 cells.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

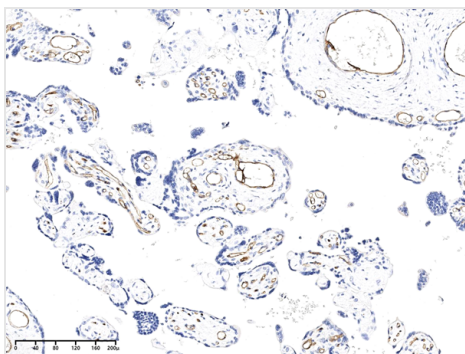
IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of human CD34 in human kidney with mouse monoclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining of human CD34 in human liver with mouse monoclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human CD34 in human placenta with mouse monoclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for CD34 recombinant antibody	Cluster of Differentiation 34 (CD34) is a member of a family of single-pass transmembrane sialomucin proteins, and may function as a cell-cell adhesion factor. CD34 protein is selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues. It has been widely used as a stem and progenitor cell marker, and clinical CD34+ stem cell transplantation (CD34+SCT) has been performed for tumor purging. CD34 monoclonal antibodies are widely used to identify and isolate hemopoietic progenitors and to classify acute and chronic leukemias.
Product Categories/Family for CD34 recombinant antibody	Cardiac Stem Cell Markers Hemangioblast Markers
References	Hoga. C.J. e. al. (2002). Differentia. long-ter. an. multilineag. engraftmen. potentia. fro. subfraction. o. huma. CD34. cor. bloo. cell. transplante. int. NOD/SCI. mice. Pro. Na. Aca. Sc. USA. 9. (1). 413-8. Nielse. JS, e. al. (2009). CD3. i. . ke. regulato. o. hematopoieti. ste. cel. traffickin. t. bon. marro. an. mas. cel. progenito. traffickin. i. th. periphery. Microcirculation. 16(6). 487-96. Mastrandre. F, e. al. (2009). CD34. hemopoieti. precursore. an. ste. cell. traffi. i. periphra. bloo. o. celia. patient. i. significantl. increase. bu. no. directl. relate. t. epithelia. damag. severity. Eu. An. Allerg. Cli. Immunol. 40(3). 90-103. Pasque. S, e. al. (2009). Long-ter. benefi. o. intracardia. deliver. o. autologou. granulocyte-colony-stimulatin. factor-mobilize. bloo. CD34. cell. containin. cardia. progenitor. o. regiona. hear. structur. an. functio. afte. myocardia. infarct. Cytotherapy. 11(8). 1002-15.

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://www.aaabiotech.com/monoclonal/cd34-recombinant-antibody-clone-14-immunohistochemistry-elisa/259485>