

Rabbit anti-Mouse CD34 Polyclonal Antibody | anti-CD34 antibody

Anti-CD34 Antibody, Rabbit Polyclonal

CATALOG # AAA257190	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	----------------------------	--

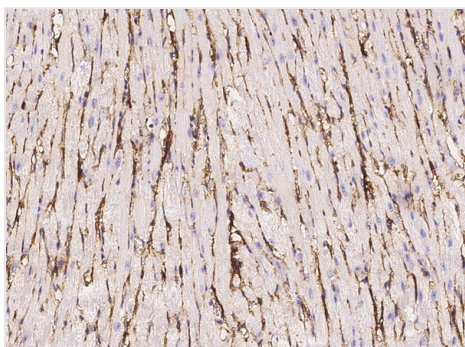
PRODUCT SYNONYMS

CD34; Polyclonal Antibody; Anti-CD34 Antibody; Rabbit Polyclonal; CD34 Antibody; Rabbit PAb; Antigen Affinity Purified; CD34 molecule; Anti-AU040960 Antibody; anti-CD34 antibody

PRODUCT SPECIFICATIONS

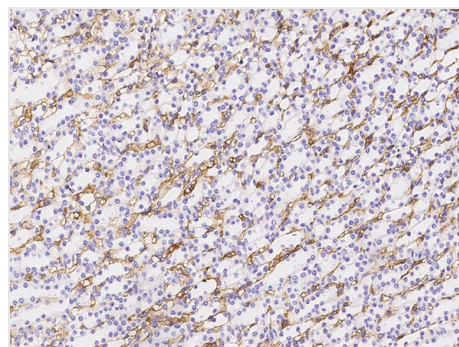
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CD34
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD34 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse CD34 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CD34 (rM CD34). CD34 specific IgG was purified by Mouse CD34 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 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.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse CD34 in mouse heart with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of mouse CD34 in mouse kidney with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CD34 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 anti-CD34 antibody	Cardiac Stem Cell Markers Hemangioblast Markers
References	Hogan CJ, et al. (2002) Differential long-term and multilineage engraftment potential from subfractions of human CD34+ cord blood cells transplanted into NOD/SCID mice. Proc Nat Acad Sci USA. 99 (1): 413-8.Nielsen JS, et al. (2009) CD34 is a key regulator of hematopoietic stem cell trafficking to bone marrow and mast cell progenitor trafficking in the periphery. Microcirculation. 16(6): 487-96.Mastrandrea F, et al. (2009) CD34+ hemopoietic precursor and stem cells traffic in peripheral blood of celiac patients is significantly increased but not directly related to epithelial damage severity. Eur Ann Allergy Clin Immunol. 40(3): 90-103.Pasquet S, et al. (2009) Long-term benefit of intracardiac delivery of autologous granulocyte-colony-stimulating factor-mobilized blood CD34+ cells containing cardiac progenitors on regional heart structure and function after myocardial infarct. Cytotherapy. 11(8): 1002-15.

NCBI AND UNIPROT INFORMATION

NCBI GI #	161484606
NCBI GeneID	12490
NCBI Accession #	NP_001104529.1
NCBI GenBank Nucleotide #	NM_001111059.1
UniProt Accession #	Q64314; Q62550; Q62551
Molecular Weight	35,263 Da
NCBI Official Full Name	hematopoietic progenitor cell antigen CD34 isoform 1
NCBI Official Synonym Full Names	CD34 antigen
NCBI Official Symbol	Cd34
NCBI Official Synonym Symbols	AU040960
NCBI Protein Information	hematopoietic progenitor cell antigen CD34
UniProt Protein Name	Hematopoietic progenitor cell antigen CD34
UniProt Entry Name	CD34_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/cd34-antibody-immunohistochemistry-elisa/257190>