

Rabbit CD34 Polyclonal Antibody | anti-CD34 antibody

Anti-CD34 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45036	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunohistochemistry, Western Blot

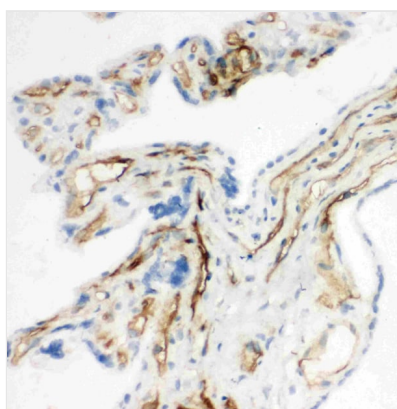
PRODUCT SYNONYMS

CD34; Polyclonal Antibody; Anti-CD34 antibody; Hematopoietic progenitor cell antigen CD34; CD34 molecule; CD34 antibody; Cd34 antibody; CD34 antigen antibody; CD34 molecule antibody; CD34_HUMAN antibody; Cluster designation 34 antibody; Hematopoietic progenitor cell antigen CD34 antibody; HPCA1 antibody; Mucosialin antibody; OTTHUMP00000034733 antibody; OTTHUMP00000034734 antibody; anti-CD34 antibody

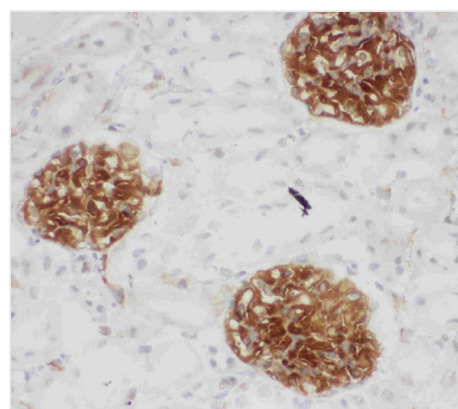
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	385
Applicable Applications for anti-CD34 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CD34 (366-382aa QATSRNGHSARQHVVAD), identical to the related mouse and rat sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

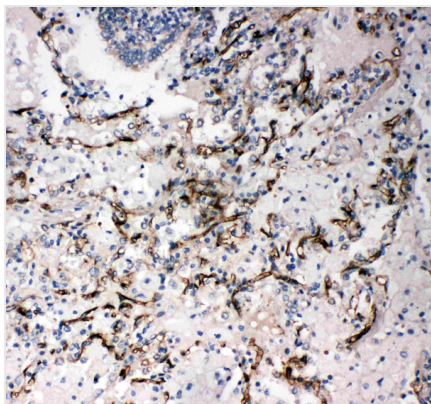
IMAGES



IHC (Immunohistochemistry)
Anti-CD34 antibody, AAA45036, IHC(F)IHC(F): Rat Placenta Tissue

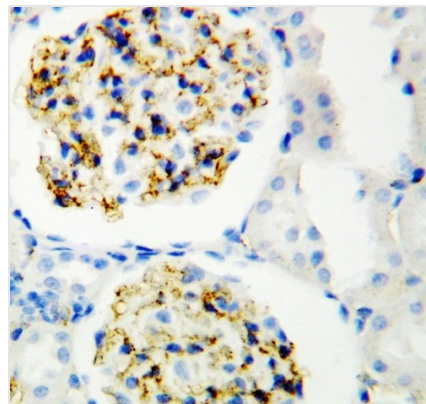


IHC (Immunohistochemistry)
Anti-CD34 antibody, AAA45036, IHC(F)IHC(F): Rat Kidney Tissue



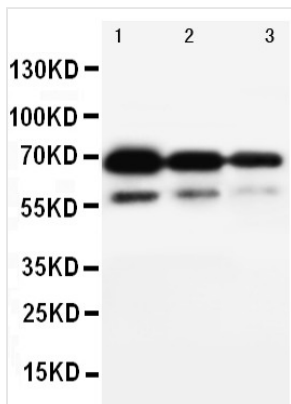
IHC (Immunohistochemistry)

Anti-CD34 antibody, AAA45036, IHC(P)IHC(P): Human Lung Cancer Tissue



IHC (Immunohistochemistry)

Anti-CD34 antibody, AAA45036, IHC(P)IHC(P): Rat Kidney Tissue



WB (Western Blot)

Anti-CD34 antibody, AAA45036, Western blottingLane 1: Recombinant Human CD34 Protein 10ngLane 2: Recombinant Human CD34 Protein 5ngLane 3: Recombinant Human CD34 Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-CD34 antibody

Description: Rabbit IgG polyclonal antibody for Hematopoietic progenitor cell antigen CD34(CD34) detection. Tested with WB, IHC-P, IHC-F in Human, Mouse, Rat.

Background: CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 KD. CD34 is expressed in humans in hematopoietic stem cells, vascular endothelium, and blasts from 30% of patients with acute myeloid and lymphocytic leukemia. The human CD34 gene spans 26 kb and has 8 exons, a structure quite similar to that of the murine gene. By Southern blot analysis of DNA from a panel of human x mouse somatic cell hybrids using a CD34 cDNA probe demonstrate that the gene for CD34 is located on human chromosome 1 in the 1q12----qter region. CD34 plays an important role in the formation of progenitor cells during both embryonic and adult hematopoiesis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3183511
NCBI GeneID	947
UniProt Accession #	P28906 ; Q15970 ; Q15971 ; Q5JTA3 ; Q5JTA4 ; Q9UJB1 ; A8K664
Molecular Weight	35,011 Da
NCBI Official Full Name	Hematopoietic progenitor cell antigen CD34
NCBI Official Synonym Full Names	CD34 molecule
NCBI Official Symbol	CD34
NCBI Protein Information	hematopoietic progenitor cell antigen CD34; CD34 antigen

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd34-antibody-immunohistochemistry-immunohistochemistry-western-blot-elisa/45036>