

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

CD34 Antibody (Center)

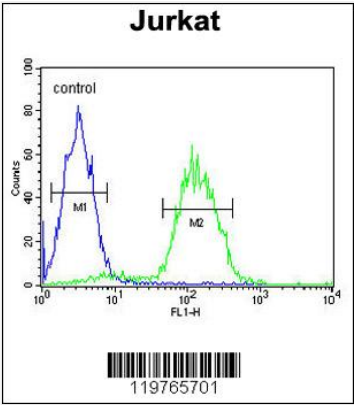
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290259	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

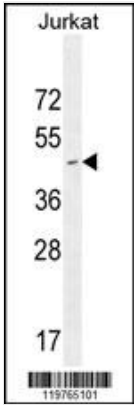
CD34; Polyclonal Antibody; CD34 Antibody (Center); Hematopoietic progenitor cell antigen CD34; anti-CD34 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD34 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 185-212 amino acids from the Central region of human CD34.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	185-212
Sequence Length	328
Applicable Applications for anti-CD34 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CD34 Antibody (Center) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
CD34 Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the CD34 antibody detected the CD34 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CD34 antibody	CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells.
Product Categories/Family for anti-CD34 antibody	Cancer; Cardiovascular; Developmental Biology; Immunology; Neuroscience; Signal Transduction
References	Eijgelsheim, M., et al. Hum. Mol. Genet. 19(19):3885-3894(2010) McCalmont, T.H., et al. J. Cutan. Pathol. 37 (9), 923 (2010) : Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Cho, S.Y., et al. Cancer Res. 70(8):3402-3410(2010) Gluhovschi, C., et al. Folia Histochem. Cytobiol. 48(2):230-236(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	68342038
NCBI GeneID	947
NCBI Accession #	NP_001020280.1; NP_001764.1
NCBI GenBank Nucleotide #	NM_001025109.1
UniProt Accession #	P28906; Q15970; Q15971; Q5JTA3; Q5JTA4; Q9UJB1; A8K664
Molecular Weight	40716
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
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://www.aaabiotech.com/polyclonal/cd34-antibody-flow-cytometry-western-blot-elisa/290259>