

Datasheet

CD34 polyclonal antibody

Catalog Number: PAB18289

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of CD34.

Immunogen: A synthetic peptide corresponding to human CD34.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: IHC-Fr, IHC-P, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Purification: Immunoaffinity purification

Concentration: 0.5 mg/mL

Isotype: IgG

Recommend Usage: Western Blot (1 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(1 ug/mL)
Immunohistochemistry (Frozen sections)(1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from 0.9 mg NaCl, 0.2 mg Na₂HPO₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

Storage Instruction: Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 947

Gene Symbol: CD34

Gene Alias: -

Gene Summary: CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells.[supplied by OMIM]

References:

1. In vivo study of alginate hydrogel conglomerating cells to polycaprolactone vascular scaffolds fabricated by electrospinning. Sun KH, Liu Z, Liu CJ, Yu T, Zhou M, Liu C, Ran F, Pan LJ, Zhang H. J Biomed Mater Res B Appl Biomater. 2016 Sep 21.
2. Angiopoietin-1 facilitates recovery of hematopoiesis in irradiated mice. Sun L, Zhang H, Bi L, Shi Y, Xing C, Tang L, Jiang S, Yu K. Am J Transl Res. 2016 May 30; 8(5):2011-2021