

Datasheet

CD34 monoclonal antibody, clone 4H5E7

Catalog Number: MAB8296

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant CD34.

Clone Name: 4H5E7

Immunogen: Recombinant protein corresponding to truncated human CD34.

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, WB-Re
(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: Liquid

Isotype: IgG

Recommend Usage: Western Blot (1:200-1:1000)
Immunofluorescence (1:25-1:100)
ELISA (1:10000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)

Storage Instruction: Store at -20°C.
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. Hemodynamic regulation of CD34+ cell localization and differentiation in experimental aneurysms. Sho E, Sho M, Nanjo H, Kawamura K, Masuda H, Dalman RL. *Arterioscler Thromb Vasc Biol.* 2004 Oct;24(10):1916-21. Epub 2004 Aug 19.
2. Characterization of murine CD34, a marker for hematopoietic progenitor and stem cells. Krause DS, Ito T, Fackler MJ, Smith OM, Collector MI, Sharkis SJ, May WS. *Blood.* 1994 Aug 1;84(3):691-701.
3. Structure of the gene encoding CD34, a human hematopoietic stem cell antigen. Satterthwaite AB, Burn TC, Le Beau MM, Tenen DG. *Genomics.* 1992 Apr;12(4):788-94.