



# CD34 Monoclonal Antibody, PE Conjugated

<b>Product Code</b>	CSB-MA989061
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA,IF,FC;Recommended dilution:IF:1:100-1:200
<b>Relevance</b>	<p>?D34 reacts with CD34 molecule, a 105-120 kDa heavily O-glycosylated transmembrane glycoprotein expressed on hematopoietic progenitor cells, vascular endothelium and some tissue fibroblasts. The intracellular chain of the CD34 antigen is a target for phosphorylation by activated protein kinase C suggesting that CD34 may play a role in signal transduction. CD34 may play a role in adhesion of specific antigens to endothelium. Clone 43A1 belongs to the class II epitope. * CD34 mAb is useful for detection and separation of hematopoietic stem cells.1. Schlossman, SL et al., eds. (1995) Leucocyte Typing V : White Cell Differentiation Antigens, Oxford University Press, New York.2. Freeman SD et al., (1995) Blood 85:20053. Thomas R and Lipsky PE. (1994) J Immunol 153:40164. Nakamura Y. et al., (1994) Blood 83:1442?</p>
<b>Form</b>	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
<b>Isotype</b>	IgG3
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Clone No.</b>	11E5
<b>Usage</b>	For Research Use Only. Not for use in diagnostic or therapeutic procedures.