



CD34 Monoclonal Antibody, PE Conjugated

Product Code	CSB-MA989061
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In	Mouse
Species Reactivity	Human
Tested Applications	ELISA, IF, FC; Recommended dilution: IF: 1:100-1:200
Relevance	<p>CD34 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>
Form	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Isotype	IgG3
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)