

Mouse Anti-human CD34, FITC conjugated

Cat. No.:	BF00601
Target Protein:	human CD34 (Entrez Gene: 947; Swiss Prot: P28906)
Quantity Size:	25T/50T/100T
Clonality:	Monoclonal
Clone No.:	4H11
Isotype:	IgG1
Purity:	≥95%, Purified by Protein G
Form:	Liquid
Storage Buffer:	0.01M PBS, 0.5%BSA, 0.03%Proclin300.
Storage:	Store at 2-8°C, protect from light. Avoid repeated freeze/thaw cycles.
Application:	Flow-Cyt (5ul /Test)

Background: CD34 derives its name from the cluster of differentiation protocol that identifies cell surface antigens. CD34 was first described on hematopoietic stem cells, as a cell surface glycoprotein and functions as a cell-cell adhesion factor. It may also mediate the attachment of hematopoietic stem cells to bone marrow extracellular matrix or directly to stromal cells. Clinically, it is associated with the selection and enrichment of hematopoietic stem cells for bone marrow transplants. Due to these historical and clinical associations, CD34 expression is almost ubiquitously related to hematopoietic cells however it is actually found on many other cell types as well.