

30-1869: Anti-CD34 / Mucosialin Monoclonal Antibody (Clone:4H11[APG])-Biotin Conjugated

Clonality :	Monoclonal
Clone Name :	4H11[APG]
Application :	ELISA,IHC,FACS,WB
Reactivity :	Human
Conjugate :	Biotin
Gene :	CD34
Gene ID :	947
Uniprot ID :	P28906
Alternative Name :	CD34
Isotype :	Mouse IgG1
Immunogen Information :	Permanent human cell line derived from peripheral leucocytes of a patient suffering from chronic myeloid leukaemia.

Description

CD34 is a highly glycosylated monomeric 111-115 kDa surface protein, which is present on many stem cell populations. It is a well established stem cell marker, though its expression on human hematopoietic stem cells is reversible. CD34 probably serves as a surface receptor that undergoes receptor-mediated endocytosis and regulates adhesion, differentiation and proliferation of hematopoietic stem cells and other progenitors. CD34 expression is likely to represent a specific state of hematopoietic development that may have altered adhering properties with expanding and differentiating capabilities in both in vitro and in vivo conditions.

Product Info

Amount :	0.1 mg
Storage condition :	Store at 2-8°C. Do not freeze.

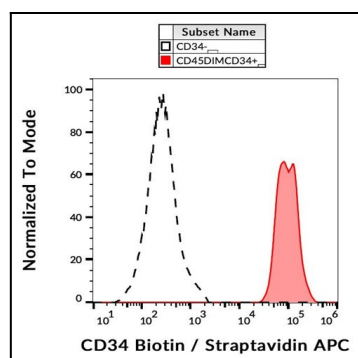


Figure 1: Separation of human CD34 positive CD45dim stem cells (red-filled) from lymphocytes in flow cytometry analysis of human peripheral blood with anti-CD34 biotin / streptavidin-APC.