

30-1975: Anti-CD34 / Mucosialin Monoclonal Antibody (Clone:4H11[APG])-FITC Conjugated

Clonality :	Monoclonal
Clone Name :	4H11[APG]
Application :	FACS
Reactivity :	Human
Conjugate :	FITC
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 :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

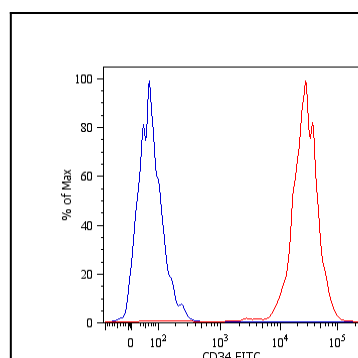


Figure 1: Surface staining of Kg-1a human acute myelogenous leukemia cell line with anti-human CD34 (4H11[APG]) FITC. Total viable cells were used for analysis.