

30-1470: Anti-CD34 Monoclonal Antibody (Clone:581)

Clonality :	Monoclonal
Clone Name :	581
Application :	IHC,FACS
Reactivity :	Human,Non-Human Primates
Gene :	CD34
Gene ID :	947
Uniprot ID :	P28906
Format :	Purified
Alternative Name :	CD34
Isotype :	Mouse IgG1

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
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:1-4µg/ml*

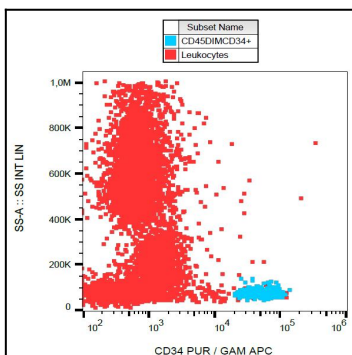


Figure 1: Surface staining of CD34+ cells in human peripheral blood with anti-CD34 (581) purified.