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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

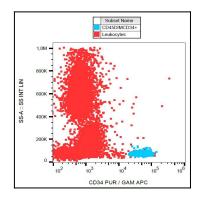


Figure 1: Surface staining of CD34+ cells in human peripheral blood with anti-CD34 (581) purified.