

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

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|--------------------------------|---|
| 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

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| Amount : | 100 tests |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

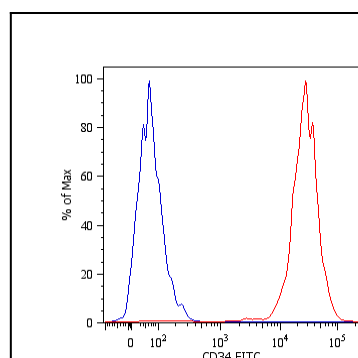


Figure 1: Surface staining of Kg-1a human acute myelogenous leukemia cell line with anti-human CD34 (4H11[APG]) FITC. Total viable cells were used for analysis.