

### 30-2034: Anti-CD34 / Mucosialin Monoclonal Antibody (Clone:QBEnd-10)-FITC Conjugated

|                         |   |
|-------------------------|---|
| Clonality :             | Monoclonal                                  |
| Clone Name :            | QBEnd-10                                    |
| Application :           | FACS, IP, WB, IHC, IHC-Fr, Functional Assay |
| Reactivity :            | Human, Non-Human Primates                   |
| Conjugate :             | FITC  |
| Gene :                  | CD34  |
| Gene ID :               | 947   |
| Uniprot ID :            | P28906                                      |
| Alternative Name :      | CD34  |
| Isotype :               | Mouse IgG1                                  |
| Immunogen Information : | Human endothelial vesicles                  |

#### 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. |

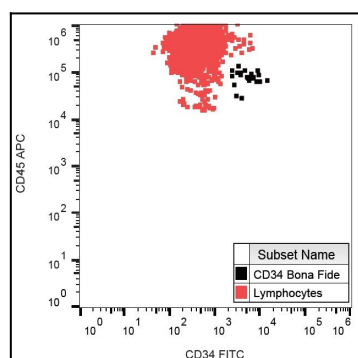


Figure 1: Cell surface staining of CD34 in human peripheral blood with anti-CD34 (QBEnd-10) FITC.