

**DESCRIPTION**

|                           |  |
|---------------------------|--|
| <b>Species Reactivity</b> | Human  |
| <b>Specificity</b>        | Detects human CD34 in direct ELISAs                                    |
| <b>Source</b>             | Monoclonal Mouse IgG <sub>1</sub> Clone # QBEnd10                      |
| <b>Purification</b>       | Protein A or G purified from hybridoma culture supernatant             |
| <b>Immunogen</b>          | Human endothelial vesicles   |
| <b>Conjugate</b>          | Biotin<br>Excitation Wavelength: N/A nm<br>Emission Wavelength: N/A nm |
| <b>Formulation</b>        | PBS. See Certificate of Analysis for details.                          |

\*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

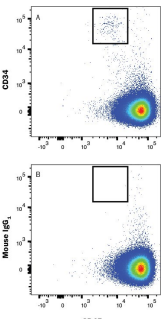
**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the Technical Information section on our website.

|                       | <b>Recommended Concentration</b> | <b>Sample</b> |
|-----------------------|----------------------------------|---------------|
| <b>Flow Cytometry</b> | 0.25 µg/10 <sup>6</sup> cells    | Human PBMC    |

**DATA**

**Flow Cytometry**



**Detection of CD34 in Human PBMCs by Flow Cytometry.**  
Human peripheral blood mononuclear cells (PBMCs) were stained with (A) Mouse Anti-Human CD34 Biotinylated Monoclonal Antibody (Catalog # FAB7227B) or (B) Biotinylated Mouse IgG1 isotype control antibody (Catalog # IC002B) followed by PE-conjugated Streptavidin (Catalog # F0040) and Mouse Anti-Human CD45 APC-conjugated Monoclonal Antibody (Catalog # FAB1430A). View our protocol for Staining Membrane-associated Proteins.

**PREPARATION AND STORAGE**

|                                |  |
|--------------------------------|--|
| <b>Shipping</b>                | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.              |
| <b>Stability &amp; Storage</b> | <b>Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul> |