

Anti-Human CD34 Purified

Catalog Number :06421-20

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Clone: 581

Format/Conjugate: Purified

Concentration: 0.5 mg/mL

Reactivity: Human

Laser: Not Applicable

Peak Emission: Not Applicable

Peak Excitation: Not Applicable

Filter: Not Applicable

Brightness (1=dim,5=brightest): Not Applicable

Isotype: Mouse IgG1, kappa

Formulation: Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2.

Storage: Product should be kept at 2-8°C.

Applications: FC, IHC

Description

The 581 monoclonal antibody specifically reacts with the Class III epitope of CD34, a heavily O-glycosylated transmembrane glycoprotein. CD34 is reported to be involved in signal transduction and cell adhesion. It is expressed on hematopoietic progenitors, pluripotent stem cells fibroblasts and tumor cells.

Preparation & Storage

The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography.

Application Notes

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

References

- 1.Zola, H. (2007).;Leukocyte and stromal cell molecules: The CD markers. John Wiley Sons.
2. Egeland, T., Tjønnfjord, G., Steen, R., Gaudernack, G., Thorsby, E. (1993, February). Positive selection of bone marrow-derived CD34 positive cells for possible stem cell transplantation. In;Transplantation proceedings;(Vol. 25, No. 1 Pt 2, pp. 1261-1263).
3. Leucocyte typing IV: white cell differentiation antigens. Oxford University Press, 1989.