

CD34 protein-coupled magnetic MicroBeads

Cat. No. CD34-047M Lot. No. (See product label)

SPECIFICATION

Product Overview

Species Human

Capacity for 2×10^9 total cells

Background

CD34 is a well-established marker of human hematopoietic stem and progenitor cells and additionally expressed on hemangioblasts, endothelial progenitor cells, and mature endothelial cells.

Control staining of cells isolated with the CD34 MicroBead Kit requires a monoclonal CD34 antibody other than QBEND/10, e.g., clone AC136.

Application

Cells isolated with the CD34 MicroBead Kit are suitable for various downstream applications, including:

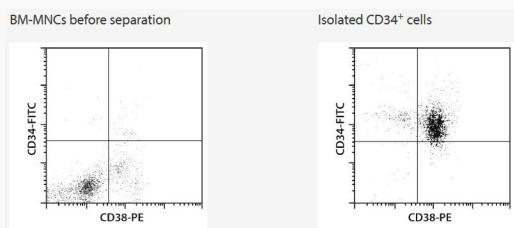
- flow cytometric analysis
- expansion in culture
- in vitro differentiation
- reprogramming
- retroviral transduction
- gene expression analyses
- transplantation into humanized mice

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Analysis



Flow cytometric analysis of CD34+ cells isolated from bone marrow mononuclear cells (BM-MNCs) using the CD34 MicroBead Kit, an MS Column, and a MiniMACS Separator.

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