

Whole Blood CD33 protein-coupled magnetic MicroBeads

Cat. No. CD33-8465M Lot. No. (See product label)

SPECIFICATION

Species

Human

Capacity


for 40 mL whole blood

Background


The CD33 antigen is prominently expressed on myeloid progenitor cells and monocytes, whereas low-level expression is observed on peripheral granulocytes, dendritic cells, and tissue macrophages. It is not expressed on lymphocytes, platelets, erythrocytes, and primitive hematopoietic stem cells.

Application

StraightFrom Whole Blood MicroBeads allow the fast isolation of CD33+ cells directly from whole blood or bone marrow, thus minimizing hands-on time and maximizing yield of target cells. StraightFrom Whole Blood MicroBeads in combination with the autoMACS Separators allow standardization of the cell separation procedure and safe handling of hazardous samples. The purified CD33+ cells are well-suited for further flow cytometric, functional, or molecular analysis including lineage-specific chimerism analysis after allogeneic stem cell transplantation.

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