

CD33 protein-coupled magnetic MicroBeads

Cat. No. CD33-429M **Lot. No.** (See product label)

SPECIFICATION

Species Human

Capacity for 1×10^9 total cells

Background

The CD33 antigen is brightly expressed on monocytes and dimly on granulocytes and dendritic cells. The CD33 antigen is also found on myeloid progenitor cells but is not expressed on lymphocytes, platelets, erythrocytes, and primitive hematopoietic stem cells.

Application

CD33+ cells can be enriched from PBMCs, bone marrow, or tissues. Additionally, the CD33 antigen can be used to distinguish acute myeloid leukemias from lymphoblastic leukemias.

Analysis



Separation of CD33+ cells from human PBMCs using CD33 MicroBeads, a MiniMACS Separator, and an MS Column. Cells are fluorescently stained with CD33-PE and CD14-APC.

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