

CD1a protein-coupled magnetic MicroBeads

Cat. No. CD1a-533M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

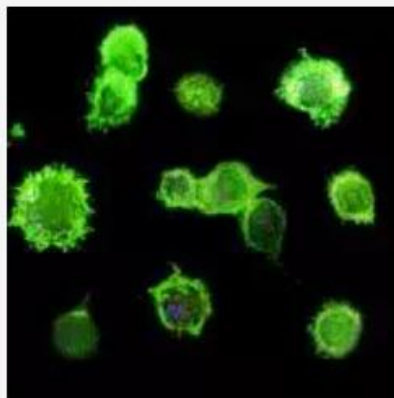
Species Human

Capacity for 1×10^9 total cells

Background The CD1a antigen is a member of the CD1 family of proteins, which are structurally related to MHC class I proteins and mediate the presentation of non-peptide antigens to T cells.

Application CD1a MicroBeads were used, for example, for the isolation of Langerhans cells from epidermis or for isolation of hematopoietic progenitor cell-derived dendritic cells.

Analysis



Dendritic cells were generated by culturing isolated CD133+ cells in the presence of

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Flt-3 Ligand, SCF, GM-CSF, TNF- α , and TGF- β for 10 days. Thereafter, CD1a+ cells were isolated by using CD1a MicroBeads and stained with CD1a-FITC.

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