

IL3RA protein-coupled magnetic MicroBeads

Cat. No. IL3RA-392M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Capacity for 2×10^9 total cells

Background

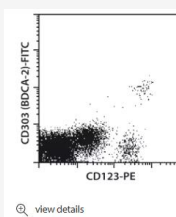
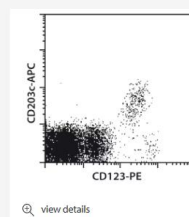
In peripheral blood, the CD123 antigen is expressed at high levels only on plasmacytoid dendritic cells and basophilic granulocytes. By contrast, monocytes, eosinophilic granulocytes, myeloid dendritic cells, and subsets of hematopoietic progenitor cells express CD123 only at low levels.

Application

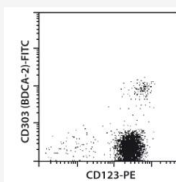
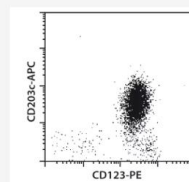
Positive selection of human basophilic granulocytes and plasmacytoid dendritic cells.

Analysis

Unseparated fraction



After separation



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CD123+ basophils and plasmacytoid dendritic cells were isolated from human PBMCs using CD123 MicroBeads and two MS Columns. Cells were fluorescently stained with CD123-PE, CD203c-APC, and CD303 (BDCA-2)-FITC, and analyzed by flow cytometry.

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