

# IL3RA protein-coupled magnetic MicroBeads

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

## SPECIFICATION

**Species** Human

**Capacity** for  $2 \times 10^9$  total cells

**Background**

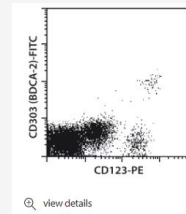
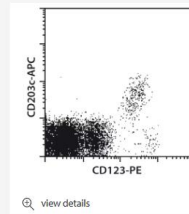
In peripheral blood, the CD123 antigen is expressed at high levels only on plasmacytoid dendritic cells and basophilic granulocytes. By contrast, monocytes, eosinophilic granulocytes, myeloid dendritic cells, and subsets of hematopoietic progenitor cells express CD123 only at low levels.

**Application**

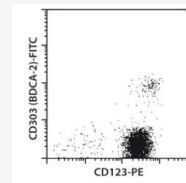
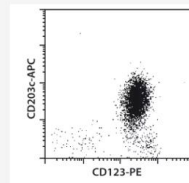
Positive selection of human basophilic granulocytes and plasmacytoid dendritic cells.

**Analysis**

Unseparated fraction




After separation



CD123+ basophils and plasmacytoid dendritic cells were isolated from human PBMCs using CD123 MicroBeads and two MS Columns. Cells were fluorescently

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stained with CD123-PE, CD203c-APC, and CD303 (BDCA-2)-FITC, and analyzed  
by flow cytometry.

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