

Whole Blood CEACAM8 protein-coupled magnetic MicroBeads

Cat. No. CEACAM8-4921M Lot. No. (See product label)

SPECIFICATION

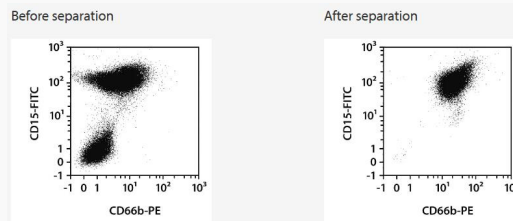
Species Human

Capacity for 40 mL whole blood

Background

StraightFrom Whole Blood CD66b MicroBeads are developed for the positive selection of CD66b+ cells directly from anticoagulated whole blood by using the autoMACS Pro Separator, the MultiMACS Cell24 Separator Plus, or the Whole Blood Column Kit. No sample preparation is required, including density gradient centrifugation or erythrocyte lysis. CD66b is a 95–100 kDa glycosylphosphatidylinositol (GPI)-linked protein also known as CD67, CGM6, and NCA-95. It is expressed on neutrophils and eosinophils but not on basophils and lymphocytes.

Analysis



Separation of a whole blood sample using the StraightFrom Whole Blood CD66b MicroBeads and the MultiMACS Cell24 Separator Plus with the Single-Column Adapter and Whole Blood Columns without washing step after labeling. Cells were fluorescently stained with CD15-FITC, CD66b-PE, as well as CD45-VioBlue and analyzed by flow cytometry using the MACSQuant Analyzer. Cells were

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triggered via CD45-VioBlue, cell debris and dead cells were excluded from the analysis based on scatter signals and propidium iodide fluorescence.

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