

# Buffy Coat CD4 protein-coupled magnetic MicroBeads

Cat. No. CD4-4832M Lot. No. (See product label)

## SPECIFICATION

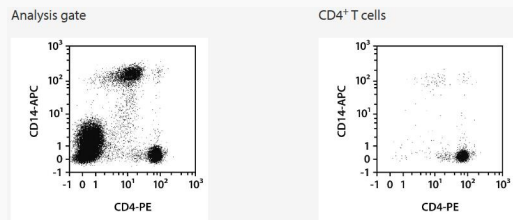
**Species** Human

**Capacity** for 1 buffy coat

**Background** The CD4 antigen is expressed on T helper cells and at a lower level on monocytes and dendritic cells. The CD4 antigen is an accessory molecule in the recognition of MHC class II/peptide complexes by the TCR heterodimer on CD4+ T helper cells.

**Application** The purified CD4+ cells are well suited for further flow cytometric, functional, or molecular analysis.

## Analysis



Separation of a buffy coat sample using the StraightFrom Buffy Coat CD4 MicroBead Kit and the MultiMACS Cell24 Separator Plus with the Single-Column Adapter and Whole Blood Columns. Cells were fluorescently stained with CD4-PE, CD14-APC, as well as CD45-VioBlue and analyzed by flow cytometry using the MACSQuant Analyzer. Cells were 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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