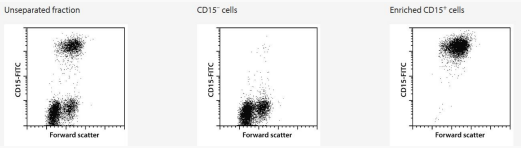
CD15 protein-coupled magnetic MicroBeads

Cat. No. CD15-604M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Capacity	for 1×10^9 total cells
Background	The CD15 antibody recognizes a 3-fucosyl-N-acetyllactosamine carbohydrate modification in glycolipids or glycoproteins. The CD15 antigen is expressed on neutrophils, eosinophils, and monoblastoid precursor cells of the myeloid lineage but not on basophils and lymphocytes. The antigen is also present on Hodgkin/Reed-Sternberg cells.
Application	CD15 MicroBeads are used for the isolation1 or depletion of human eosinophils and neutrophils (basophils are CD15-) from peripheral blood and from tissues such as ovarian carcinoma tissue.2 Furthermore, CD15 MicroBeads can be used for the depletion of myeloid cells from bone marrow.
Analysis	 CD15+ cells were isolated from lysed human peripheral blood using CD15 MicroBeads, an MS Column, and a MiniMACS Separator. Cells are fluorescently stained with

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	CD15-FITC.

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