

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

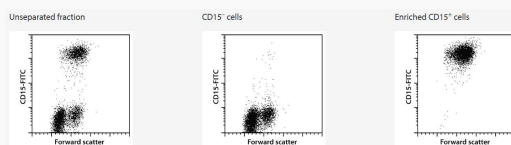
Background

The CD15 antibody recognizes a 3-fucosyl-N-acetylactosamine 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



CD15-FITC.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA