

CD45 protein-coupled magnetic MicroBeads

Cat. No. CD45-4092M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

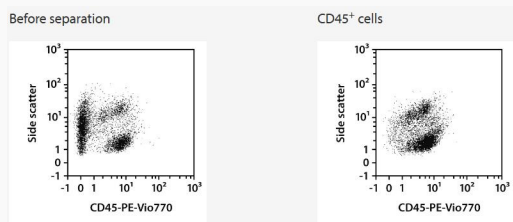
Species Human

Capacity for 5×10^8 total cells

Background

CD45 (TIL) MicroBeads, human enable a positive selection of CD45+ tumor-infiltrating leukocytes (TILs) specifically from human tumors as well as xenotransplanted tumors with a humanized immune system. The CD45 antigen is expressed on all cells of hematopoietic origin except erythrocytes and platelets.

Analysis



human colorectal carcinoma sample was dissociated using the gentleMACS Octo Dissociator with Heaters in combination with the Tumor Dissociation Kit, human (# 130-095-929). CD45+ TILs were isolated from the single-cell suspension using CD45 (TIL) MicroBeads, an LS Column, and a QuadroMACS Separator. Cells were fluorescently stained with CD45-PE-Vio 770 and analyzed by flow cytometry using the MACSQuant Analyzer. Cell debris and dead cells were excluded from the analysis based on scatter signals and propidium iodide

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fluorescence.

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