

TCRY Antibody-coupled magnetic MicroBeads

Cat. No. TCRY-532M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Rat

Capacity for 1×10^9 total cells

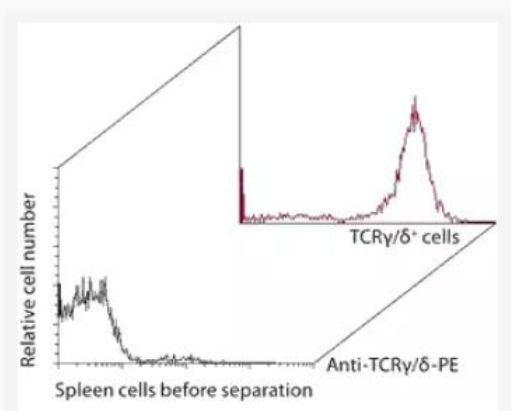
Background

The epitope recognized by Anti-TCR γ/δ MicroBeads is expressed on more than 90% of TCR γ/δ ⁺ T cells, which are TCR α/β ⁻, CD2⁺, CD3⁺, and CD5⁺. Almost all cells within this population express CD8a, but not CD4. The TCR complex recognized by these MicroBeads is also found on a subpopulation of intestinal intra-epithelial lymphocytes.

Application

Magnetically separated TCR γ/δ ⁺ T cells can be used to investigate their role in immune defense, for example, in comparison to TCR α/β ⁺ T cells.

Analysis



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Isolation of TCR γ / δ + T cells from rat spleen using Anti-TCR γ / δ MicroBeads, a MiniMACS Separator, and an MS Column.

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