

CD90.2 protein-coupled magnetic MicroBeads

Cat. No. CD90.2-694M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Mouse

Capacity for 2×10^9 total cells

Background

The mouse CD90.2 alloantigen, also known as Thy1.2, is a pan T cell marker for the most common inbred mouse strains. These strains include BALB/c, DBA, CBA/J, C3H, C57BL/6, NZB/-, S3L and others. CD90.2 is expressed on thymocytes, peripheral T cells, on some intraepithelial T cells, and at lower levels on early hematopoietic stem cells in bone marrow.

The mouse CD90.2 antibody does not cross-react with CD90.1.

Application

T cells isolated with CD90.2 MicroBeads were used to analyze cytokine expression in a mouse model of lung fibrosis or after adoptive transfer of T cells from wild type and knock-out mice into immunodeficient mice.

Furthermore, CD90.2 MicroBeads were used for the isolation of tumor-infiltrating T cells to evaluate their immunotherapeutic potential or functional properties.

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