

CD49b protein-coupled magnetic MicroBeads

Cat. No. CD49b-4921M Lot. No. (See product label)

SPECIFICATION

Product Overview

Species Mouse

Capacity for 2×10^9 total cells

Background

CD49b is expressed on NK cells and a small population of T cells (CD4+CD3+TCR α / β +). These cells can be depleted prior to NK cell enrichment by using CD90.2 MicroBeads or CD5 (Ly-1) MicroBeads.

CD49b is less mouse strain-specific than other NK cell markers (e.g. NK1.1) and is expressed by the most common inbred mouse strains.

Application

NK cells isolated with CD49b (DX5) MicroBeads from wild-type or immunodeficient mice were used to study NK cell cytotoxicity in vitro or after adoptive transfer of isolated NK cells in vivo. Furthermore, isolated NK cells were used to evaluate their role in experimental mouse models of immune-mediated liver injury and chronic infection.

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