

B3GAT1 protein-coupled magnetic MicroBeads

Cat. No. B3GAT1-395M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Capacity for 1×10^9 total cells

Background

The CD57 antigen, also known as HNK-1 or Leu-7, is an oligosaccharide antigenic moiety bound to surface proteins of certain cell types. CD57 is present on 15–20% of PBMCs, including subsets of NK cells and T cells and some neural cell types.

CD57 has been shown to be expressed on late-stage CD8⁺ effector cells³ and terminally differentiated NK cells.

The frequency of CD57⁺ T lymphocytes is raised in a variety of diseases, for example, in rheumatoid arthritis. Its expression is also increased on proliferation-incompetent or chronically activated CD8⁺ T cells in persistent viral infections, such as HIV.

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