

Manufacturer/Supplier:

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Product name: Anti-Human CD161 Monoclonal
Antibody(PE/Cyanine5 Conjugated)

Catalog: DL21833F

Synonyms: CLEC5B, NKR-P1A, HNKRP-1a, KLRB1

Background: CD161 is a type II transmembrane glycoprotein, also known as NKR-P1A, that is expressed as a 40-44 kD homodimer. It is a member of the C-type lectin superfamily. CD161 is expressed on a majority of NK cells, NKT cells, and subsets of peripheral T cells and CD3+ thymocytes. It has been reported that Th17 cells are a subpopulation of CD4+CD161+CCR6+ cells. While the biological function of CD161 is not clear, it has been suggested to serve either as a stimulatory receptor or to inhibit NK cell-mediated cytotoxicity and cytokine

production. LLT-1 (lectin-like transcript-1, also named as osteoclast inhibitory lectin or CLEC2D) is the ligand of CD161.

Form: Liquid

Isotype: Mouse IgG1, κ

Size:

20Tests/100Tests/100Tests \times 2

Host: Mouse

Reactivity: Human

Application: FCM

Concentration: 5 μ L

Conjugation: PE/Cyanine5

SwissProt: Q12918

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.