DEVELOP

Manufacturer/Supplier:

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Product name:	Anti-Human CD1a Monoclonal Antibody(PE Conjugated)
Catalog:	DL21597F
Synonyms:	T6, R4,CD 1a,CD1A ,T-cell surface glycoprotein CD1a
Background:	CD1a is a 49 kD member of the immunoglobulin superfamily also known as T6 and R4. It is a type I membrane glycoprotein with structural similarities to MHC class I and is non-covalently associated with β2-microglobulin. CD1a plays a role in non-peptide glycolipid antigen presentation to CD1-restricted T cells. It is expressed on cortical double positive and single positive thymocytes, Langerhans cells, and dendritic cells. In addition to antigen presentation, CD1a has been implicated in thymic T cell

development.

Form: Liquid   **Isotype:** Mouse IgG1, κ

Size: **Host:** Mouse
20Tests/100Tests/100Tests×2

Reactivity: Human   **Application:** FCM

Concentration: 5 μL   **Conjugation:** PE

SwissProt: P06126

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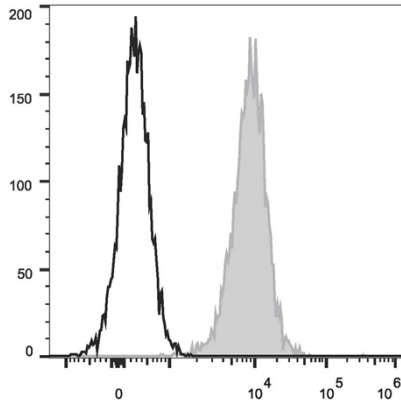
Recommended Use:

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

Data:

    Human T lymphoblastic leukemia cell line Molt-4 are stained with Anti-Human CD1a Monoclonal Antibody(PE Conjugated)(filled

gray histogram) or Mouse IgG1 Isotype Control　PE(empty black histogram).

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.