

APC Anti-Human CD1a Antibody[OKT-6]

Catalog Number: E-AB-F1126E

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

| | |
|--------------------------------|--|
| Reactivity | Human |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone No. | OKT-6 |
| Isotype Control | APC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792E] |
| Conjugation | APC |
| Conjugation Information | APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA. |

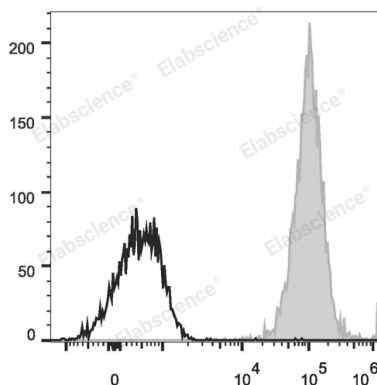
Applications

Recommended usage

FCM

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 APC Anti-Human CD1a Antibody (filled gray histogram) or Mouse IgG1 Isotype Control APC (empty black histogram).

Preparation & Storage

| | |
|-----------------|---|
| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag |

Antigen Information

| | |
|------------------------|--|
| Alternate Names | R4;CD 1a;CD1AT-cell surface glycoprotein CD1a;T6 |
| Uniprot ID | P06126 |
| Gene ID | 909 |

For Research Use Only

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 β 2-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.