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APC Anti-Human CD1a Antibody[OKT-6]

Catalog No. E-AB-F1126E Reactivity Human Storage Store at 2~8°C, Avoid freeze / thaw cycles **Applications FCM**

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

Antigen Information

Alternate Names T6, R4,CD 1a,CD1A, T-cell surface glycoprotein CD1a

Uniprot ID P06126

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.

Product Details

Form Liquid

20Tests/100Tests/100Tests×2 Size

Clone No. OKT-6 Host Mouse

Isotype Mouse IgG1, κ

Human Reactivity **Application FCM**

APC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792E] **Isotype Control**

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

Biological ice pack at 4 °C **Shipping** Stability & 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.

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

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Fluorophore

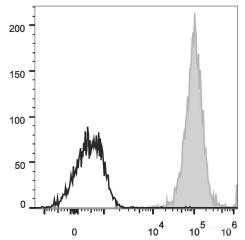
Conjugation: APC

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).

Recommended usage

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.

Product 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).

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html

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