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## Biotin Anti-Human CD1a Antibody[OKT-6]

Catalog Number: E-AB-F1126B

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. OKT-6

Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793B] Isotype Control

Conjugation

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

**Applications** Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow **FCM** 

> cytometric staining, the suggested use of this reagent is  $\leq 1.0 \,\mu g$  per  $10^6$  cells in  $100 \,\mu L$ volume or 100 µL of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

**Preparation & Storage** 

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. 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

**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.

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