

AF/LE Purified Anti-Human CD1a Antibody[OKT-6]

catalog number: E-AB-F11260

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

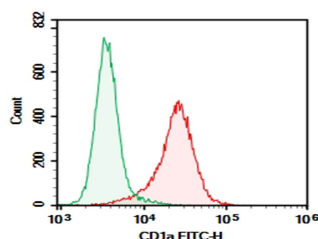
Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	OKT-6
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

Applications Recommended Dilution

FCM	2 μ g/mL (1×10^5 - 5×10^5 cells)
------------	---

Data



Molt-4 were stained with 0.2 μ g AF/LE Purified Anti-Human CD1a Antibody[OKT-6] (Right) and 0.2 μ g Mouse IgG1, κ Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

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.

For Research Use Only