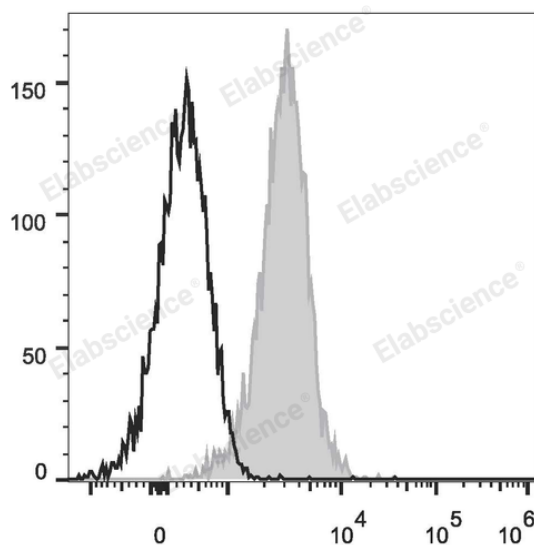


Product name:	FITC Anti-Human CD1a Antibody[OKT-6]
Cat number:	MAB1126C
Conjugate:	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).
Size:	100Tests
Clone:	OKT-6
Concentration:	5 µL/Test
Host:	Mouse
Isotype:	Mouse IgG1, κ
Reactivity:	Human
Applications:	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.
Form:	Liquid
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Storage:	This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
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.



Human T lymphoblastic leukemia cell line Molt-4 are stained with FITC Anti-Human CD1a Antibody (filled gray histogram) or Mouse IgG1 Isotype Control FITC (empty black histogram).