

Datasheet for ABIN7076789
anti-CD1a antibody (PE)



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1 Image

Overview

Quantity:	100 tests
Target:	CD1a
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD1a antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD1a PE Antibody
Immunogen:	Human acute lymphoblastic leukemia cells
Clone:	OKT6
Isotype:	IgG1, kappa
Characteristics:	<p>The clone OKT6, a mouse monoclonal antibody selectively recognizes 49- kDa type I transmembrane glycoprotein non-covalently associated with β2-microglobulin known as CD1a. The CD1a glycoprotein has structural similarities to MHC class I molecule and plays important role in antigen-presenting mechanism to T-cell receptors present on NK T-cells. It is expressed on cortical double positive and single positive thymocytes, Langerhans cells, and dendritic cells. In addition to antigen presentation NK T-cells, CD1a has been implicated in thymic T cell development. CD1a has been used as a marker for DCs in a range of human tumors and the density of CD1a DC has been associated with clinical outcome in patients with lung, colon,</p>

Product Details

	gastric, nasopharyngeal, laryngeal and tongue carcinomas.
Purification:	Purified
Purity:	>95 %
Grade:	GMP Grade

Target Details

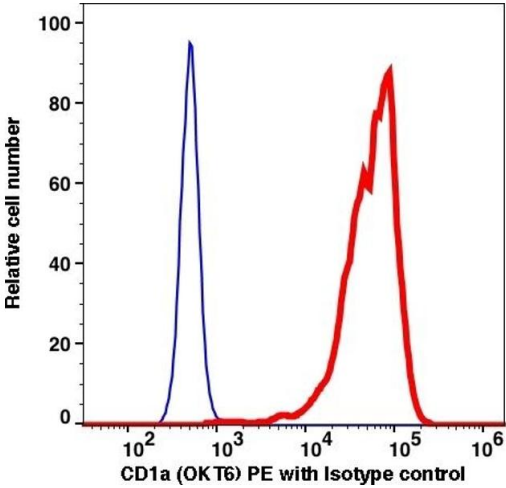
Target:	CD1a
Alternative Name:	CD1a (CD1a Products)
Gene ID:	909
UniProt:	P06126
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1.