

Datasheet for ABIN2704265

**anti-CD4 antibody**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CD4
Reactivity:	Human, Rhesus Monkey, Cynomolgus
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), DNA Microscopy (DNA Mic)

## Product Details

Immunogen:	Human peripheral blood T lymphocytes
Clone:	OKT4
Isotype:	IgG2b kappa
Characteristics:	CD4 is a 55kD type I transmembrane glycoprotein and a member of the immunoglobulin superfamily. It is a specific marker for T lymphocytes, monocytes, macrophages, and dendritic cells. Through interaction of MHC-II, CD4 facilitates cell-cell interaction, thymic differentiation, and activation of downstream signaling cascades. HIV infection of T-cells is instigated through binding of HIV to CD4. The OKT4 binds to the D3 domain of CD4 and does not inhibit HIV binding
Purification:	Purified
Purity:	>95 %
Grade:	GMP Grade

## Target Details

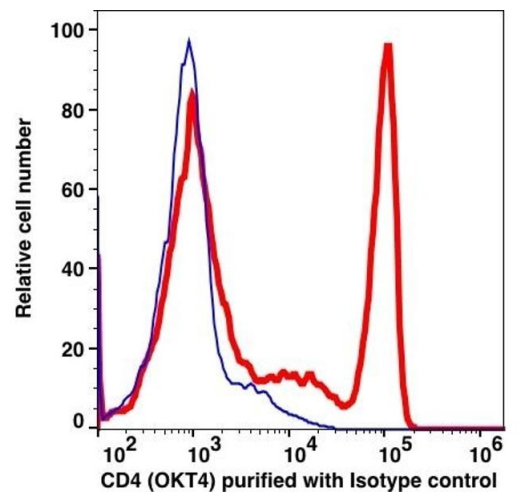
Target:	CD4
Alternative Name:	CD4 ( <a href="#">CD4 Products</a> )
Background:	CD4 is a 55kD type I transmembrane glycoprotein and a member of the immunoglobulin superfamily. It is a specific marker for T lymphocytes, monocytes, macrophages, and dendritic cells. Through interaction of MHC-II, CD4 facilitates cell-cell interaction, thymic differentiation, and activation of downstream signaling cascades. HIV infection of T-cells is instigated through binding of HIV to CD4. The OKT4 binds to the D3 domain of CD4 and does not inhibit HIV binding
NCBI Accession:	<a href="#">NM_000616</a>
UniProt:	<a href="#">P01730</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">CXCR4-mediated Signaling Events</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS pH 7.2, 0.1 % (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



Flow Cytometry

Image 1.

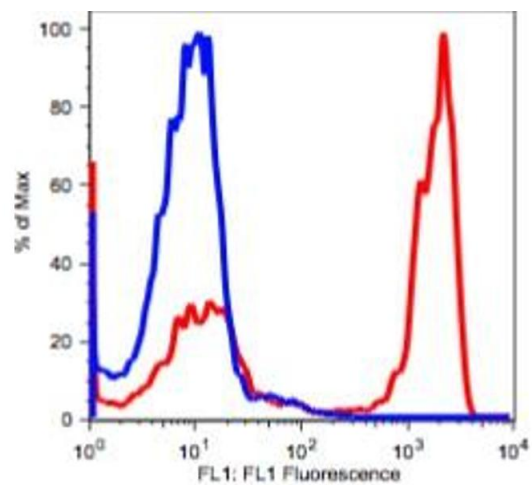


Image 2.