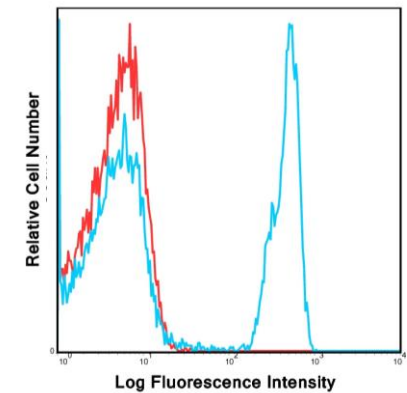


## Anti-Human CD4 FITC Antibody (OKT4)

<b>CATALOG NO:</b>	A1582-25      25 tests A1582-100      100 tests
<b>ALTERNATIVE NAMES:</b>	T-cell surface glycoprotein CD4, T-cell surface antigen T4/Leu-3, CD_antigen: CD4
<b>FORMAT/CONJUGATE:</b>	FITC
<b>HOST/ISOTYPE:</b>	Mouse IgG2b, kappa
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	OKT4
<b>SPECIES REACTIVITY:</b>	Human
<b>PURIFICATION:</b>	Affinity chromatography. Unreacted dye was removed from the product.
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2.
<b>STORAGE CONDITIONS:</b>	The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. <b>Do not freeze</b>
<b>DESCRIPTION:</b>	The OKT4 monoclonal antibody specifically binds to the CD4 receptor for the human immunodeficiency virus (HIV). CD4 is a 59 kDa single-chain transmembrane glycoprotein that expressed on the surface of most of the thymocytes, T-helper cells, and in low levels on monocytes and macrophages. CD4 is a co-receptor in the antigen-induced T cell activation (together with the MHC class II). The OKT4 and the RPA-T4 monoclonal antibodies recognize different epitopes of CD4 and they do not exhibit cross-block binding.
<b>APPLICATION:</b>	Flow Cytometry (Cell Surface): 5 µl (0.25 ug) 1/1x10 <sup>6</sup> cells per test. A test is the amount of antibody required to stain a cell sample in the final volume of 100 µL.  <b>Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.</b>

**Laser:** Blue (488nm)  
**Peak Emission:** 520nm  
**Peak Excitation:** 494nm  
**Filter:** 530/30  
**Brightness (1=dim,5=brightest):** 3



Human peripheral blood lymphocytes were stained with FITC OKT4 with relevant isotype control in Red.

### RELATED PRODUCTS:

- CD4 FITC Monoclonal Antibody (Clone RPA-T4) (**CAT. No. 6953**)
- CD4 Antibody (**CAT. No. 6937**)
- Anti-CD4 (Clenoliximab), Human IgG4 Antibody (**CAT. No. A1091**)
- Anti-CD45RO Antibody (Clone UCHL-1) (**Cat. No. A1542**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**