

## Anti-Human CD3 PE-Cyanine 7 Antibody (OKT3)

<b>CATALOG NO:</b>	A1584-25      25 tests A1584-100      100 tests
<b>ALTERNATIVE NAMES:</b>	T-cell surface glycoprotein CD3 gamma chain, T-cell receptor T3 gamma chain, CD_antigen: CD3g
<b>FORMAT/CONJUGATE:</b>	PE-Cyanine 7
<b>HOST/ISOTYPE:</b>	Mouse IgG2b, kappa
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	OKT3
<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>	<p>The OKT3 monoclonal antibody specifically reacts with the ε chain of the CD3/T lymphocyte antigen receptor complex. The CD3 complex contains γ, δ, and ε chains, and it is part of the TCR complex, expressed by all mature T lymphocytes and by the thymocyte lineage. CD3 enhances the antigen recognition by signal transduction.</p> <p>The OKT3 antibody is an immunosuppressive, which has proven to be an effective therapeutic agent in liver, heart, and renal allograft rejection.</p>
<b>APPLICATION:</b>	Flow Cytometry (Cell Surface): 5 μl/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.

**Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.**

### RELATED PRODUCTS:

- CD3 FITC Monoclonal Antibody (Clone OKT3) (**Cat. No. 6952**)
- CD3d Antibody (**Cat. No. 6936**)
- Anti-CD3E Antibody (**Cat. No. A1386**)
- Anti-CD3e Antibody (C3e/1308) (**Cat. No. A1523**)
- 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.**