



# CD3E Monoclonal Antibody,APC Conjugated

<b>Product Code</b>	CSB-MA028904
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA,IF,FC;Recommended dilution:IF:1:100-1:200
<b>Relevance</b>	<p>4AT3 reacts with CD3, a 20-26 kDa molecule, which is expressed on all mature T lymphocytes (approximately 60-80% of normal human peripheral blood lymphocytes), NK-T cells and some thymocytes. CD3 associated with the T-cell receptor <math>\alpha/\beta</math> or <math>\gamma/\delta</math> dimer also plays a role in T-cell activation and signal transduction during antigen recognition.</p> <p>* CD3 mAb is used to count mature T cells in blood.</p> <ol style="list-style-type: none"><li>1. Ledbetter, J et al. (1981) J Exp Med 153:310-323.</li><li>2. Haynes, B et al. (1986) Leukocyte Typing II: Human T lymphocytes. New York: Springer-Verlag; 3-30.</li><li>3. Clevers H et al. (1988). Ann Rev Immunol 6 : 629-662.</li><li>4. Barclay, N et al. (1993). The Leucocyte Factsbook. Academic Press. San Diego.</li></ol>
<b>Form</b>	Phosphate-buffered solution, pH7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
<b>Isotype</b>	IgG2a
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Clone No.</b>	16G4
<b>Usage</b>	For Research Use Only. Not for use in diagnostic or therapeutic procedures.