



# CD4 Monoclonal Antibody,APC Conjugated

<b>Product Code</b>	CSB-MA043428
<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>CD4, also known as T4, is a 55 kD single chain transmembrane glycoprotein and belongs to immunoglobulin superfamily. CD4 is found on most thymocytes, a subset of T cells and at low level on monocytes/macrophages.</p> <p>CD4 is a co-receptor involved in immune response (co-receptor activity in binding to MHC class II molecules) and HIV infection (CD4 is primary receptor for HIV-1 surface glycoprotein gp120). CD4 regulates T-cell activation, T/B-cell adhesion, T-cell differentiation, T-cell selection and signal transduction.</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>	IgG2b
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)