



# CD4 Monoclonal Antibody, PE Conjugated

<b>Product Code</b>	CSB-MA084552
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Raised In</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Tested Applications</b>	ELISA, FC
<b>Relevance</b>	<p>The 4AM15 monoclonal antibody reacts with the mouse CD4 molecule, a 55 kDa cell surface receptor. It is a member of the Ig superfamily, primarily expressed on most thymocytes, a subset of T cells, and weakly on macrophages and dendritic cells. It acts as a coreceptor with the TCR during T cell activation and thymic differentiation by binding MHC classII and associating with the protein tyrosine kinase, lck.</p> <ol style="list-style-type: none"><li>1. Nakamura.T. 1992.Personal communication.</li><li>2. Bendelac.A.1995.Mouse NK1 T Cells.Curr.Opin.Immunol.7:367-374</li><li>3. Shevach,E.M.2000.Regulatory T cells in autoimmunity.Annu.Rev.Immunol.</li></ol>
<b>Form</b>	Phosphate-buffered solution, pH 7.4, 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>	Mus musculus (Mouse)
<b>Clone No.</b>	2F12
<b>Usage</b>	For Research Use Only. Not for use in diagnostic or therapeutic procedures.