



# CD19 Monoclonal Antibody, PE-Cy5 Conjugated

<b>Product Code</b>	CSB-MA281869
<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>COC19 reacts with CD19 (B4), a 90 kDa molecule, which is expressed on approximately 5-25% of human peripheral blood lymphocytes. CD19 antigen is present on human B lymphocytes at most stages of maturation, from the earliest Ig gene rearrangement in pro-B cells to mature cell, as well as malignant B cells, but is lost on maturation to plasma cells. CD19 antibody does not react with T lymphocytes, monocytes and granulocytes. CD19 is a critical signal transduction molecule that regulates B lymphocyte development, activation and differentiation. This clone is cross reactive with non-human primate.</p> <p>* CD19 is a key phenotyping marker of non-T cell leukemia.</p> <ol style="list-style-type: none"><li>1. Nadler, LM et al. (1983) J. Immunol. 131:244</li><li>2. Schlossman, SL et al., eds. (1995) Leucocyte Typing V: White Cell Differentiation Antigens, Oxford University Press, New York.</li><li>3. Tedder T. et al. (1994) Immunol Today. 15:437-442</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>	IgG1
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)