



CD19 Monoclonal Antibody, PE Conjugated

Product Code	CSB-MA036486
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In	Mouse
Species Reactivity	Human
Tested Applications	ELISA,IF,FC;Recommended dilution:IF:1:100-1:200
Relevance	<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">1. Nadler, LM et al. (1983) J. Immunol. 131:2442. Schlossman,SL et al., eds. (1995) Leucocyte Typing V: White Cell Differentiation Antigens, Oxford University Press, New York.3. Tedder T. et al. (1994) Immunol Today. 15:437-442
Form	Formulation: Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA Application
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	15B10
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.