CD19 Monoclonal Antibody,PE-Cy5 Conjugated

Product Code	CSB-MA281869
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	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. * CD19 is a key phenotyping marker of non-T cell leukemia. 1. Nadler, LM et al. (1983) J. Immunol. 131:244 2. 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	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	24A11
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.