

Technical Data Sheet

Product	Anti-Hu CD19 PE	
Cat. Number/Size	1P-663-T025	25 tests
	1P-663-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD19
Clone	4G7
Format	PE
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody 4G7 recognizes an extracellular epitope of human CD19.
Other names	B4, Leu-12, CVID3
Workshop	HLDA: WS Code 2 B43
Immunogen	Human CCL (chronic lymphocytic leukemia) cells
Entrez Gene ID	930
Gene name	CD19
NCBI Full Gene Name	CD19 molecule
UniProt ID	P15391

Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References	www.exbio.cz
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