



	Technical Data Sheet	
Product	Anti-Hu CD21 PE	
Cat. Number/Size	1P-306-T025	25 tests
	1P-306-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD21	
Clone	LT21	
Format	PE	
Reactivity	Pig, Human, Dog, Cow	
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 antibody LT21 reacts with an extracellular epitope of CD21 (CR2), a 145 kDa transmembrane glycoprotein (complement C3d receptor - C3dR) expressed on B lymphocytes, follicular dendritic cells, some epithelial cells and a subsets of T lymphocytes. It is not expressed on immature B cells.	
Other names	CR2, C3DR2, CVID7, SLEB9	
Workshop	HLDA VI: WS Code B CD21.1	
Immunogen	IM9 human B-lymphoblastoid cell line	
Entrez Gene ID	1380	
Gene name	CR2	
NCBI Full Gene Name	complement C3d receptor 2	
UniProt ID	P20023	
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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