



	Technical Data Sheet	
Product	Anti-Hu CD21 PE-Cy™7	
Cat. Number/Size	T7-306-T025	25 tests
	T7-306-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD21	
Clone	LT21	
Format	PE-Cy™7	
Reactivity	Pig, Human, Dog, Cow	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 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 activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) under optimum conditions and 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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