



	Technical Data Sheet	
Product	Anti-Hu CD22 PE-Cy™7	
Cat. Number/Size	T7-506-T025	25 tests
	T7-506-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD22	
Clone	IS7	
Format	PE-Cy™7	
Reactivity	Human	
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	
Specificity	The antibody IS7 reacts with an extracellular epitope of CD22 (BL-CAM), a 130 kDa type I transmembrane glycoprotein (immunoglobulin superfamily) expressed in the cytoplasm of pro-B and pre-B lymphocytes, and on the surface of mature and activated B lymphocytes; it is lost on plasma cells, peripheral blood T lymphocytes, granulocytes and monocytes.	
Other names	SIGLEC2, SIGLEC-2	
Workshop	HLDA IV: WS Code B 227; HLDA V: WS Code B CD22.8	
Immunogen	human cell line Reh	
Entrez Gene ID	933	
Gene name	CD22	
NCBI Full Gene Name	CD22 molecule	
UniProt ID	P20273	
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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