



	Technical Data Sheet	
Product	Anti-Hu CD22 Biotin	
Cat. Number/Size	1B-265-C025	0.025 mg
	1B-265-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD22	
Clone	MEM-01	
Format	Biotin	
Reactivity	Human, Non-human primates	
Application	FC (QC tested), IP, WB	
Application details	Flow cytometry: Recommended dilution: 1-3 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-01 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. The antibody MEM-01 cross-blocks the antibody OTH228 that recognizes uniquely epitope "E"; it does not cross-block antibodies RFB-4, CLB22/1 and CLB-BLy1.	
Other names	SIGLEC2, SIGLEC-2	
Immunogen	Raji Burkitt's lymphoma cell line	
Entrez Gene ID	933	
Gene name	CD22	
NCBI Full Gene Name	CD22 molecule	
UniProt ID	P20273	
Concentration	1 mg/ml	
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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