

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.**

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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

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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