

Technical Data Sheet

Product	<b>Anti-Hu CD22 Purified</b>	
Cat. Number/Size	<b>11-265-C025</b>	<b>0.025 mg</b>
	<b>11-265-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD22
Clone	MEM-01
Format	Purified
Reactivity	Human, Non-human primates
Application	FC (QC tested), IP, WB
Application details	Flow cytometry: Recommended dilution: 2-4 µg/ml. Western blotting: Recommended dilution: 2-4 µg/ml, 120 min on vertical incubator; positive control: RAJI human lymphoma cell line. The antibody MEM-01 stains only the zone corresponding to 140 kDa, but not the weaker 130 kDa zone (stained by several CD22 antibodies recognizing both isoforms).
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 by protein-A affinity 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	<a href="http://www.exbio.cz">www.exbio.cz</a>
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