



	Technical Data Sheet	
Product	Anti-Hu CD44 Biotin	
Cat. Number/Size	1B-221-C025	0.025 mg
	1B-221-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD44	
Clone	MEM-85	
Format	Biotin	
Reactivity	Human	
Application	FC (QC tested), IP, WB, ELISA	
Application details	Flow cytometry: Recommended dilution: 1-3 µg/ml.	
Isotype	Mouse IgG2b	
Specificity	The antibody MEM-85 reacts with an extracellular antigen of both cell surface-expressed and soluble form of CD44 antigen (Phagocyte glycoprotein 1), a 80-95 kDa transmembrane glycoprotein (hyaladherin family) present on the most of cells and tissues (leukocytes, endothelial cells, mesenchymal cells, etc.); it is negative on platelets and hepatocytes.	
Other names	PGP-I, HUTCH-I, ECMR-III, Hermes antigen, Hyaluronate receptor, Heparan sulfate proteoglycan, Epican, MC56, MIC4, INLU, LHR	
Workshop	HLDA IV: WS Code NL 706; HLDA VI: WS Code AS Ref.15	
Immunogen	Leukocytes of a patient suffering from LGL Type Leukaemia.	
Entrez Gene ID	960	
Gene name	CD44	
NCBI Full Gene Name	CD44 molecule	
UniProt ID	P16070	
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	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.