

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

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