

Technical Data Sheet

Product

**Anti-Ms CD44 Biotin**

Cat. Number/Size

**1B-624-C100**

**0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD44
Clone	IM7
Format	Biotin
Reactivity	Dog, Mouse, Human, Cat, Horse
Application	FC (QC tested), IP, WB, IHC(P), IHC(F), ICC
Application details	Flow cytometry: Recommended dilution: 1 µg/ml; positive control: murine peripheral blood.
Isotype	Rat IgG2b kappa
Specificity	The rat monoclonal antibody IM7 reacts with an extracellular epitope of CD44 antigen (Phagocyte glycoprotein 1), an 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. The antibody reacts with all isoforms of mouse CD44.
Other names	PGP-I, HUTCH-I, ECMR-III, Hermes antigen, Hyaluronate receptor, Heparan sulfate proteoglycan, Epican, MC56, MIC4
Immunogen	Dexamethasone-induced cells of the SJL mouse spontaneous myeloid leukemia M1
Entrez Gene ID	12505
Gene name	CD44
NCBI Full Gene Name	CD44 molecule
UniProt ID	P15379

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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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