

Technical Data Sheet

Product	<b>Anti-Hu CD44 Purified</b>	
Cat. Number/Size	<b>11-341-C025</b>	<b>0.025 mg</b>
	<b>11-341-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

Antigen	CD44
Clone	MEM-263
Format	Purified
Reactivity	Pig, Human, Dog
Application	FC (QC tested), IP, WB, IHC(P)
Application details	Flow cytometry: Recommended dilution: 4 µg/ml. Western blotting: Recommended dilution: 2 µg/ml, 60 min on vertical incubator; positive control: Kg-1a human acute leukemia cell lysate, JURKAT human leukemia T-cell lysate, non-reducing conditions, 6% separating gel. Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: uterus, myometrium.
Isotype	Mouse IgG1
Specificity	The antibody MEM-263 reacts with extracellular (N-terminal) domain of standard CD44 (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 III: WS Code T 155
Immunogen	COS-7 cells (African Green Monkey).
Entrez Gene ID	960
Gene name	CD44
NCBI Full Gene Name	CD44 molecule
UniProt ID	P16070

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.

Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>
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