



	Technical Data Sheet	
Product	Anti-Ms CD44 PE-Cy™7	
Cat. Number/Size	T7-624-C025	0.025 mg
	T7-624-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD44	
Clone	IM7	
Format	PE-Cy™7	
Reactivity	Dog, Mouse, Human, Cat, Horse	
Application	FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 1-3 µg/ml.	
Excitation laser	blue (488 nm)	
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	
Concentration	0.5 mg/ml	
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) under optimum conditions and unconjugated antibody and free fluorochrome 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. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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