



	Technical Data Sheet	
Product	Anti-Ms CD44 FITC	
Cat. Number/Size	1F-624-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD44	
Clone	IM7	
Format	FITC	
Reactivity	Dog, Mouse, Human, Cat, Horse	
Application	FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 1-2 µg/ml; positive control: murine peripheral blood.	
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 fluorescein isothiocyanate (FITC) 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	

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.