

Technical Data Sheet

Product	Anti-Ms CD54 FITC	
Cat. Number/Size	1F-625-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD54
Clone	YN1/1.7.4
Format	FITC
Reactivity	Mouse
Application	FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-2 µg/ml.
Excitation laser	blue (488 nm)
Isotype	Rat IgG2b
Specificity	The rat monoclonal antibody YN1/1.7.4 reacts with an extracellular epitope of CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein expressed on activated endothelial cells, T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells; the expression of CD54 is upregulated by activation.
Other names	ICAM-1, BB2, P3.58
Immunogen	Mouse NS-1 cells
Entrez Gene ID	15894
Gene name	Icam1
NCBI Full Gene Name	intercellular adhesion molecule 1
UniProt ID	P13597

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
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