



	Technical Data Sheet	
Product	Anti-Hu CD54 Biotin	
Cat. Number/Size	1B-429-C025	0.025 mg
	1B-429-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD54	
Clone	1H4	
Format	Biotin	
Reactivity	Human	
Application	FC (QC tested), WB, IHC-P, IHC-F, ICC	
Application details	Flow cytometry: Recommended dilution: 2-5 µg/ml.	
Isotype	Mouse IgG2b	
Specificity	The antibody 1H4 recognizes an extracellular epitope of CD54 (ICAM-1), a 85-110 kDa type I transmembrane glycoprotein (receptor for rhinovirus) 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	Raji cells and spleen cells fused with NS1 cells	
Entrez Gene ID	3383	
Gene name	ICAM1	
NCBI Full Gene Name	intercellular adhesion molecule 1	
UniProt ID	P05362	
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.	
Images and References	www.exbio.cz	

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