

Technical Data Sheet

Product	<b>Anti-Hu CD54 Biotin</b>	
Cat. Number/Size	<b>1B-429-C025</b>	<b>0.025 mg</b>
	<b>1B-429-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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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

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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