



	Technical Data Sheet	
Product	Anti-Hu CD38 Biotin	
Cat. Number/Size	1B-366-C025	0.025 mg
	1B-366-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD38	
Clone	HIT2	
Format	Biotin	
Reactivity	Human	
Application	FC (QC tested), WB, IHC-P, IHC-F	
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody HIT2 reacts with an extracellular epitope of CD38, a 45 kDa type II transmembrane glycoprotein strongly expressed mainly on plasma cells and activated T and B lymphocytes; it is an antigenic marker of lymphoid cells. Its binding is blocked by daratumumab.	
Other names	ADPRC1, cADPr hydrolase 1, T10, NAD(+) nucleosidase, ADP-ribosyl cyclase 1	
Workshop	HLDA III: WS Code T 155	
Immunogen	Human thymocytes in foetus	
Entrez Gene ID	952	
Gene name	CD38	
NCBI Full Gene Name	CD38 molecule	
UniProt ID	P28907	
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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