



	Technical Data Sheet	
Product	Anti-Hu CD49a Biotin	
Cat. Number/Size	1B-873-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD49a	
Clone	TS2/7	
Format	Biotin	
Reactivity	Human, Non-human primates	
Application	FC (QC tested), IP, IHC-F	
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody TS2/7 recognizes an extracellular epitope of CD49a, the alpha 1 chain of VLA integrin complex, that serves as an adhesion receptor for collagen IV and laminin 1.	
Other names	alpha 1 integrin, VLA-1 alpha, ITGA1	
Immunogen	human CTL line	
Entrez Gene ID	3672	
Gene name	ITGA1	
NCBI Full Gene Name	integrin subunit alpha 1	
UniProt ID	P56199	
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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