



	Technical Data Sheet	
Product	Anti-Hu CD106 Biotin	
Cat. Number/Size	1B-606-C025	0.025 mg
	1B-606-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD106	
Clone	STA	
Format	Biotin	
Reactivity	Human	
Application	FC (QC tested), IP, IHC-F, ELISA	
Application details	Flow cytometry: Recommended dilution: 5-6 µg/ml; positive control: TNF-alpha activated HUVEC cells.	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody STA recognizes an extracellular epitope of CD106 antigen (VCAM-1), a 100-110 kDa type I membrane protein of the immunoglobulin superfamily, a crucial mediator of leukocyte adhesion, and a costimulation molecule.	
Other names	VCAM-1, INCAM-100	
Workshop	HLDA V: WS Code A013	
Immunogen	Human DS6 T cell line	
Entrez Gene ID	7412	
Gene name	VCAM1	
NCBI Full Gene Name	vascular cell adhesion molecule 1	
UniProt ID	P19320	
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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