



Technical Data Sheet

Product	Anti-Hu CD106 APC	
Cat. Number/Size	1A-606-T025	25 tests
	1A-606-T100	100 tests
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		
Antigen	CD106	
Clone	STA	
Format	APC	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	red (633 nm)	
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	
Preparation	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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