



	Technical Data Sheet	
Product	Anti-Hu CD49b PE	
Cat. Number/Size	1P-151-T025	25 tests
	1P-151-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD49b	
Clone	AK7	
Format	PE	
Reactivity	Non-human primates, 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	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody AK7 recognizes an extracellular epitope of CD49b, a 160-165 kDa alpha subunit of VLA-2 integrin complex expressed on platelets, megakaryocytes, activated T and B cells, monocytes, epithelial cells, endothelial cells and fibroblasts.	
Other names	ITGA2, VLA-2 alpha, GPIa	
Workshop	HLDA V: WS Code S190	
Immunogen	Human platelets	
Entrez Gene ID	3673	
Gene name	ITGA2	
NCBI Full Gene Name	integrin subunit alpha 2	
UniProt ID	P17301	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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