



	Technical Data Sheet	
Product	Anti-Hu CD49d APC-Cy™7	
Cat. Number/Size	T4-171-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD49d	
Clone	9F10	
Format	APC-Cy™7	
Reactivity	Sheep, Cat, Horse, Dog, Cow, Non-human primates, Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.	
Excitation laser	red (633 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody 9F10 recognizes an extracellular epitope of CD49d (alpha 4 integrin), a 145-180 kDa type I transmembrane glycoprotein expressed on B and T cells, monocytes, eosinophils, basophils, NK cells, and dendritic cells, but not platelets.	
Other names	ITGA4, VLA-4 alpha	
Workshop	HLDA V: WS Code S215	
Entrez Gene ID	3676	
Gene name	ITGA4	
NCBI Full Gene Name	integrin subunit alpha 4	
UniProt ID	P13612	
Preparation	Purified antibody is conjugated with activated tandem dye of allophycocyanin-cyanine 7 (APC-Cy™7) 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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