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Technical Data Sheet

Product **Anti-Hu CD49b FITC**

Cat. Number/Size		
	1F-151-T025	**25 tests**
	1F-151-T100	**100 tests**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD49b
Clone	AK7
Format	FITC
Reactivity	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	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 fluorescein isothiocyanate (FITC) 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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