



Technical Data Sheet

Product	Anti-Hu CD49a Alexa Fluor® 488	
Cat. Number/Size	A4-873-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD49a
Clone	TS2/7
Format	Alexa Fluor® 488
Reactivity	Human, Non-human primates
Application	FC (QC tested), IHC-F
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 TS2/7 recognizes an extracellular epitope of CD49a, the alpha 1 chain of VLA integrin complex, that serves as an adhesion receptor for collagen IV and laminin 1.
Other names	alpha 1 integrin, VLA-1 alpha, ITGA1
Immunogen	human CTL line
Entrez Gene ID	3672
Gene name	ITGA1
NCBI Full Gene Name	integrin subunit alpha 1
UniProt ID	P56199
Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester 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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