



	Technical Data Sheet	
Product	Anti-Hu CD29 FITC	
Cat. Number/Size	1F-219-T025	25 tests
	1F-219-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD29	
Clone	MEM-101A	
Format	FITC	
Reactivity	Dog, Pig, Human	
Negative species	Mouse	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-101A reacts with an extracellular epitope of CD29 (integrin beta1 chain), a 130 kDa single chain type I glycoprotein expressed as a heterodimer (non-covalently associated with the integrin alpha subunits 1-6). CD29 is broadly expressed on majority of hematopoietic and non-hematopoietic cells (leukocytes, platelets, fibroblasts, endothelial cells, epithelial cells and mast cells).	
Other names	Integrin β1 chain, ITGB1, VLAB, MDF2, FNRB, GPIIA, MSK12	
Workshop	HLDA VI: WS Code AS A048	
Immunogen	Raji Burkitt's lymphoma cell line	
Entrez Gene ID	3688	
Gene name	ITGB1	
NCBI Full Gene Name	integrin subunit beta 1	
UniProt ID	P05556	
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	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.