



	Technical Data Sheet	
Product	Anti-Hu CD29 Biotin	
Cat. Number/Size	1B-219-C025	0.025 mg
	1B-219-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD29	
Clone	MEM-101A	
Format	Biotin	
Reactivity	Dog, Pig, Human	
Negative species	Mouse	
Application	FC (QC tested), IP, WB	
Application details	Flow cytometry: Recommended dilution: 1-2 µg/ml.	
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	
Concentration	1 mg/ml	
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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