



	Technical Data Sheet	
Product	Anti-Hu CD51/CD61 PE	
Cat. Number/Size	1P-847-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD51/CD61	
Clone	23C6	
Format	PE	
Reactivity	Human, Chicken	
Negative species	Rabbit, Pig, Cow	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody 23C6 recognizes an extracellular epitope on CD51/CD61 complex, that is expressed mainly on human osteoclasts, but also e.g. on placenta, or melanoma cell lines. The epitope is native and sensitive to fixation. In chicken this antibody can be used to selectively identify the thrombocytes.	
Other names	VNRA, MSK8, ITGB3, ITGAV, Integrin alpha5beta3, OFA, VR	
Workshop	HLDA IV	
Immunogen	A cell suspension containing osteoclasts from osteoclastomas	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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