



Technical Data Sheet

Product	Anti-Hu CD51/CD61 Alexa Fluor® 647	
Cat. Number/Size	A6-847-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD51/CD61
Clone	23C6
Format	Alexa Fluor® 647
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 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	red (633 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 Alexa Fluor® 647 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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