



	Technical Data Sheet	
Product	Anti-Hu CD16 PE	
Cat. Number/Size	1P-214-T025	25 tests
	1P-214-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD16	
Clone	MEM-154	
Format	PE	
Reactivity	Human	
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-154 reacts with an extracellular epitope on CD16 antigen that is residing in proximity to FG loop (probably BC or C'E loop). CD16 is a low affinity receptor for aggregated IgG (Fcγ ₃ antigen). The antibody MEM-154 reacts with CD16 ⁺ granulocytes, and it can be used for mapping CD16-158V/F polymorphism on NK cells, as it requires presence of V at amino acid 158.	
Other names	Fcγ ₃ , IGFR3, FCRIII	
Workshop	HLDA V: WS Code M MA068; HLDA V: WS Code NK NK51	
Immunogen	Human granulocytes	
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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