



	Technical Data Sheet	
Product	Anti-Hu CD114 PE	
Cat. Number/Size	1P-157-T025	25 tests
	1P-157-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD114	
Clone	LMM741	
Format	PE	
Reactivity	Human	
Negative species	Mouse	
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 kappa	
Specificity	The mouse monoclonal antibody LMM741 recognizes an extracellular epitope of CD114 (colony stimulating factor 3 receptor), a 130 kDa transmembrane glycoprotein expressed on granulocytes and their differentiation stages, on monocytes, platelets, endothelial cells and placenta. It is absent from lymphocytes and erythrocytes.	
Other names	GCSFR, CSF3R, SCN7	
Workshop	HLDA VI: WS Code MA98	
Immunogen	CHO cells transfected with human CD114	
Entrez Gene ID	1441	
Gene name	CSF3R	
NCBI Full Gene Name	colony stimulating factor 3 receptor	
UniProt ID	Q99062	
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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