

Technical Data Sheet

Product	Anti-Hu CD114 APC	
Cat. Number/Size	1A-157-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD114
Clone	LMM741
Format	APC
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	red (633 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 activated allophycocyanin (APC) 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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