



	Technical Data Sheet	
Product	Anti-Hu CD116 PE	
Cat. Number/Size	1P-760-T025	25 tests
	1P-760-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD116	
Clone	4H1	
Format	PE	
Reactivity	Human	
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 4H1 recognizes an extracellular epitope of human CD116, the GM-CSF receptor alpha subunit (approx. 80 kDa) expressed e.g. by neutrophils, eosinophils, monocytes and macrophages.	
Other names	CSF2RA, GMR, CSF2R, SMDP4, GMCSFR	
Immunogen	CD116-transfected COS cells	
Entrez Gene ID	1438	
Gene name	CSF2RA	
NCBI Full Gene Name	colony stimulating factor 2 receptor alpha subunit	
UniProt ID	P15509	
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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