



	Technical Data Sheet	
Product	Anti-Hu CD180 APC	
Cat. Number/Size	1A-637-T025	25 tests
	1A-637-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD180	
Clone	G28-8	
Format	APC	
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	red (633 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody G28-8 recognizes an extracellular epitope of CD180, a 95-105 kDa TLR-like glycoprotein expressed on peripheral blood monocytes and dendritic cells, mantle zone B cells and marginal zone B cells, but very weakly on germinal center B cells.	
Other names	LY64, Ly78, RP105, Bgp95	
Workshop	HLDA workshop	
Immunogen	Human tonsillar B cells	
Entrez Gene ID	4064	
Gene name	CD180	
NCBI Full Gene Name	CD180 molecule	
UniProt ID	Q99467	
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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