



	Technical Data Sheet	
Product	Anti-Hu CD109 PE	
Cat. Number/Size	1P-131-T025	25 tests
	1P-131-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD109	
Clone	W7C5	
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	
Specificity	The mouse monoclonal antibody W7C5 recognizes CD109, an approximately 165 kDa GPI-anchored extracellular protein expressed mainly on various hematopoietic cells, activated T lymphoblasts, activated platelets, and endothelial cells.	
Other names	CPAMD7, p180, r150, FLJ38569, GPA	
Workshop	HLDA VIII	
Immunogen	WERI-RB-1 retinoblastoma cell line	
Entrez Gene ID	135228	
Gene name	CD109	
NCBI Full Gene Name	CD109 molecule	
UniProt ID	Q6YHK3	
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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