



	Technical Data Sheet	
Product	Anti-Hu CD9 Pacific Blue™	
Cat. Number/Size	PB-208-T025	25 tests
	PB-208-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD9	
Clone	MEM-61	
Format	Pacific Blue™	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.	
Excitation laser	violet (405 nm)	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-61 recognizes an epitope on second extracellular domain (EC2) of CD9 antigen, a 24 kDa transmembrane protein expressed on platelets, monocytes, pre-B lymphocytes, granulocytes and activated T lymphocytes.	
Other names	MIC3, MRP-1, BTCC-1, DRAP-27, TSPAN29, BA2	
Workshop	HLDA VI: WS Code P P-15	
Immunogen	Pre-B cell line NALM-6.	
Entrez Gene ID	928	
Gene name	CD9	
NCBI Full Gene Name	CD9 molecule	
UniProt ID	P21926	
Preparation	Purified antibody is conjugated with Pacific Blue™ NHS ester 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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