



	Technical Data Sheet	
Product	Anti-Hu CD111 PE	
Cat. Number/Size	1P-780-T025	25 tests
	1P-780-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD111	
Clone	R1.302	
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 R1.302 recognizes an extracellular epitope on CD111 (also known as Nectin 1), a 75 kDa type I transmembrane glycoprotein broadly expressed on endothelial cells, epithelial cells, neuronal cells, megakaryocytes, and CD34-positive stem cells.	
Other names	NECTIN1, ED4, HlgR, HV1S, HVEC, OFC7, PRR1, PVRR, CD111, PVRL1, PVRR1, SK-12, CLPED1	
Workshop	HCDM listed	
Immunogen	NIH/3T3 cells transfected with human CD111	
Entrez Gene ID	5818	
Gene name	NECTIN1	
NCBI Full Gene Name	nectin cell adhesion molecule 1	
UniProt ID	Q15223	
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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