



	Technical Data Sheet	
Product	Anti-Hu CD148 PE	
Cat. Number/Size	1P-697-T025	25 tests
	1P-697-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD148	
Clone	MEM-CD148/05	
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 IgG2b	
Specificity	The mouse monoclonal antibody MEM-CD148/05 recognizes an extracellular epitope of CD148, a highly glycosylated up to 250 kDa receptor-like protein tyrosin phosphatase expressed mainly in lymphocytes, myeloid cells and epithelial cells.	
Other names	HPTP-eta, DEP-1, PTPRJ, DEP1, SCC1, HPTPeta, R-PTP-ETA	
Immunogen	Human recombinant CD148 (amino acids 1-444)	
Entrez Gene ID	5795	
Gene name	PTPRJ	
NCBI Full Gene Name	protein tyrosine phosphatase receptor type J	
UniProt ID	Q12913	
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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