

Technical Data Sheet

Product	<b>Anti-Hu CD148 PE</b>	
Cat. Number/Size	<b>1P-697-T025</b>	<b>25 tests</b>
	<b>1P-697-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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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 <sup>6</sup> 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

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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