



	Technical Data Sheet	
Product	Anti-Hu CD28 PE	
Cat. Number/Size	1P-577-T025	25 tests
	1P-577-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD28	
Clone	CD28.2	
Format	PE	
Reactivity	Non-human primates, Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody CD28.2 recognizes an extracellular epitope of CD28, a disulfide-linked homodimeric type I glycoprotein (monomer of Mw 44 kDa) which is a critical costimulatory receptor of T cells.	
Other names	TP44	
Workshop	HLDA V: WS Code 5T CD28.05	
Immunogen	DC28.1.3.3 murine T cell hybridoma transfected with human CD28 cDNA	
Entrez Gene ID	940	
Gene name	CD28	
NCBI Full Gene Name	CD28 molecule	
UniProt ID	P10747	
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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