



	Technical Data Sheet	
Product	Anti-Hu CD28 Pacific Blue™	
Cat. Number/Size	PB-577-T025	25 tests
	PB-577-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD28	
Clone	CD28.2	
Format	Pacific Blue™	
Reactivity	Non-human primates, 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 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 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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