



Technical Data Sheet

Product	Anti-Hu CD28 Alexa Fluor® 700	
Cat. Number/Size	A7-577-T025	25 tests
	A7-577-T100	100 tests
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		

Antigen	CD28
Clone	CD28.2
Format	Alexa Fluor® 700
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	red (633 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 Alexa Fluor® 700 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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