



	Technical Data Sheet	
Product	Anti-Ms CD28 PE	
Cat. Number/Size	1P-597-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD28	
Clone	37.51	
Format	PE	
Reactivity	Mouse	
Application	FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml.	
Excitation laser	blue (488 nm)	
Isotype	Golden Syrian Hamster IgG	
Specificity	The Syrian hamster monoclonal antibody 37.51 reacts with extracellular domain of mouse CD28 costimulatory receptor, a 45 kDa homodimeric protein expressed by thymocytes, mature T cells and NK cells.	
Other names	Tp44	
Immunogen	Mouse T cell lymphoma EL-4 cells	
Entrez Gene ID	12487	
Gene name	CD28	
NCBI Full Gene Name	CD28 molecule	
UniProt ID	P31041	
Concentration	0.5 mg/ml	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	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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