



	Technical Data Sheet	
Product	<b>Anti-Ms CD28 APC</b>	
Cat. Number/Size	<b>1A-597-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CD28	
Clone	37.51	
Format	APC	
Reactivity	Mouse	
Application	FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml.	
Excitation laser	red (633 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 activated allophycocyanin (APC) under optimum conditions and 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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