



	Technical Data Sheet	
Product	Anti-Hu CD137 APC	
Cat. Number/Size	1A-143-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD137	
Clone	4B4-1	
Format	APC	
Reactivity	Human, Non-human primates	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	red (633 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody 4B4-1 recognizes an extracellular conformational epitope on CD137, an approximately 40 kDa type I transmembrane protein of the TNFR family expressed mainly on activated T cells.	
Other names	TNFRSF9, 41BB, 4-1BB, MGC2172	
Workshop	HLDA VI: WS Code C-7	
Immunogen	Recombinant human CD137 ectodomain	
Entrez Gene ID	3604	
Gene name	TNFRSF9	
NCBI Full Gene Name	TNF receptor superfamily member 9	
UniProt ID	Q07011	
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	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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