



	Technical Data Sheet	
Product	Anti-Hu CD83 APC	
Cat. Number/Size	1A-677-T025	25 tests
	1A-677-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD83	
Clone	HB15e	
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 HB15e recognizes an extracellular epitope of CD83, a 40-45 kDa type I glycoprotein expressed on mature dendritic cells.	
Other names	BL11, HB15	
Workshop	HLDA IV: WS Code T 85	
Immunogen	Human CD83-transfected Cos cells	
Entrez Gene ID	9308	
Gene name	CD83	
NCBI Full Gene Name	CD83 molecule	
UniProt ID	Q01151	
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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