



	Technical Data Sheet	
Product	Anti-Hu CD83 PE-Cy™5	
Cat. Number/Size	T8-677-T025	25 tests
	T8-677-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD83	
Clone	HB15e	
Format	PE-Cy™5	
Reactivity	Human, Non-human primates	
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	blue (488 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 tandem dye of R-phycoerythrin-cyanine 5 (PE-Cy™5) 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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