



	Technical Data Sheet	
Product	Anti-Hu CD80 Pacific Blue™	
Cat. Number/Size	PB-287-T025	25 tests
	PB-287-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD80	
Clone	MEM-233	
Format	Pacific Blue™	
Reactivity	Human	
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	violet (405 nm)	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-233 reacts with an extracellular epitope of CD80 (B7-1), a 60 kDa single chain type I glycoprotein of immunoglobulin supergene family, expressed on professional antigen-presenting cells, such as dendritic cells, macrophages or activated B lymphocytes.	
Other names	B7-1, BB1	
Workshop	HLDA IX	
Immunogen	Extracellular domain of human CD80 fused to human IgG1(Fc)	
Entrez Gene ID	941	
Gene name	CD80	
NCBI Full Gene Name	CD80 molecule	
UniProt ID	P33681	
Preparation	Purified antibody is conjugated with Pacific Blue™ NHS ester 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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