



	Technical Data Sheet	
Product	Anti-Hu CD46 Pacific Blue™	
Cat. Number/Size	PB-342-T025	25 tests
	PB-342-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD46	
Clone	MEM-258	
Format	Pacific Blue™	
Reactivity	Cow, 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-258 recognizes an extracellular epitope on SCR4 (the membrane-proximal SCR) domain of CD46 (Membrane cofactor protein). CD46 is 56-66 kDa dimeric transmembrane protein expressed on T and B lymphocytes, platelets, monocytes, granulocytes, endothelial cells, epithelial cells and fibroblast; it is negative on erythrocytes.	
Other names	MCP, TLX, AHUS2, MIC10, MGC26544	
Immunogen	HPB-ALL human T cell line	
Entrez Gene ID	4179	
Gene name	CD46	
NCBI Full Gene Name	CD46 molecule	
UniProt ID	P15529	
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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