



	Technical Data Sheet	
Product	<b>Anti-Hu CD50 PE</b>	
Cat. Number/Size	<b>1P-266-T025</b>	<b>25 tests</b>
	<b>1P-266-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CD50	
Clone	MEM-171	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-171 recognizes an extracellular epitope in the D2 domain of CD50 (ICAM-3), a 120-130 kDa type I membrane protein (immunoglobulin supergene family) expressed on leukocytes, endothelial cells and Langerhans cells; it is negative on platelets and erythrocytes.	
Other names	ICAM-3, ICAM-R	
Workshop	HLDA VI: WS Code BP 614; HLDA VI: WS Code NL N-L022	
Immunogen	Human granulocytes	
Entrez Gene ID	3385	
Gene name	ICAM3	
NCBI Full Gene Name	intercellular adhesion molecule 3	
UniProt ID	P32942	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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