



	Technical Data Sheet	
Product	Anti-Hu CD45RB PE	
Cat. Number/Size	1P-224-T025	25 tests
	1P-224-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD45RB	
Clone	MEM-55	
Format	PE	
Reactivity	Non-human primates, 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 ⁶ 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-55 recognizes a siliadase-sensitive extracellular epitope of CD45RB, a 180-240 kDa single chain type I membrane glycoprotein, variant of CD45 (CD45RB isoform). CD45RB is expressed on a subset of T lymphocytes, B lymphocytes, monocytes, macrophages, granulocytes and dendritic cells.	
Other names	PTPRCR, T200RB	
Workshop	HLDA III: WS Code NL 358; HLDA IV: WS Code NL 2; HLDA V: WS Code T T-151; HLDA V: WS Code T T-CD45.08	
Immunogen	Human thymocytes and T lymphocytes.	
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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