



Technical Data Sheet

Product	Anti-Hu CD45RB Alexa Fluor® 700	
Cat. Number/Size	A7-224-T025	25 tests
	A7-224-T100	100 tests
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		

Antigen	CD45RB
Clone	MEM-55
Format	Alexa Fluor® 700
Reactivity	Non-human primates, 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	red (633 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 Alexa Fluor® 700 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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