



Technical Data Sheet

Product	Anti-Hu CD45RB Purified	
Cat. Number/Size	11-387-C025	0.025 mg
	11-387-C100	0.1 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		
Antigen	CD45RB	
Clone	MEM-143	
Format	Purified	
Reactivity	Human	
Application	FC (QC tested), IHC-P, WB	
Application details	Flow cytometry: Recommended dilution: 0.5-4 µg/ml. The staining pattern of the MEM-143 shows prominent differences from other anti-CD45RB reagents including standard antibody MEM-55, mostly as a result of the recognition of differences in glycosylation. Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive control: human tonsil. Western blotting: Recommended dilution: 1-2 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-143 reacts with an 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. The MEM-143 is therefore not neuraminidase sensitive like most other anti-CD45RB antibodies (including standard antibody MEM-55). The reactivity of the antibody MEM-143 can be blocked by a peptide including amino acids 79-88.	
Other names	PTPRCR, T200RB	
Immunogen	Human peripheral blood lymphocytes.	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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