



	Technical Data Sheet	
Product	Anti-Hu CD48 Pacific Blue™	
Cat. Number/Size	PB-226-T025	25 tests
	PB-226-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD48	
Clone	MEM-102	
Format	Pacific Blue™	
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	violet (405 nm)	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-102 reacts with CD48 (Blast-1), a 40-47 kDa GPI-anchored extracellular membrane protein (immunoglobulin supergene family) widely expressed on hematopoietic cells; it is negative on granulocytes, platelets and erythrocytes.	
Other names	BCM1, BLAST, BLAST1, SLAMF2	
Workshop	HLDA V: WS Code AS S014	
Immunogen	Raji human Burkitt's lymphoma cell line	
Entrez Gene ID	962	
Gene name	CD48	
NCBI Full Gene Name	CD48 molecule	
UniProt ID	P09326	
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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