



	Technical Data Sheet	
Product	Anti-Hu CD47 Pacific Blue™	
Cat. Number/Size	PB-225-T025	25 tests
	PB-225-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD47	
Clone	MEM-122	
Format	Pacific Blue™	
Reactivity	Non-human primates, Human, Pig	
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 IgM	
Specificity	The antibody MEM-122 reacts with an extracellular epitope of CD47 (Integrin Associated Protein), a 50-55 kDa membrane adhesion molecule (thrombospondin receptor; immunoglobulin supergene family) expressed on leukocytes, platelets and erythrocytes. It is also expressed on epithelial cells, endothelial cells, fibroblasts and many tumor cell lines.	
Other names	IAP, OA3, MER6	
Workshop	HLDA VI: WS Code AS A051	
Immunogen	COS-7 (African green monkey) cells	
Entrez Gene ID	961	
Gene name	CD47	
NCBI Full Gene Name	CD47 molecule	
UniProt ID	Q08722	
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 MES buffered saline, pH 5.5, 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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