



	Technical Data Sheet	
Product	Anti-Hu CD59 PE	
Cat. Number/Size	1P-233-T025	25 tests
	1P-233-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD59	
Clone	MEM-43	
Format	PE	
Reactivity	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 IgG2a	
Specificity	The antibody MEM-43 reacts with well defined epitope (W40, R-53) on CD59 (Protectin), an 18-20 kDa glycosylphosphatidylinositol (GPI)-anchored glycoprotein expressed on the surface of all hematopoietic cells; it is widely present on cells in all tissues. This antibody does not compete with MEM-43/5, and has blocking activity.	
Other names	MACIF, MAC-IP, protectin, MIRL, HRF-20, HRF20, 1F5, MIN	
Workshop	HLDA IV: WS Code NL 705; HLDA V: WS Code AS S013; HLDA V: WS Code BP BP345; HLDA V: WS Code T T-103	
Immunogen	Thymocytes and T lymphocytes	
Entrez Gene ID	966	
Gene name	CD59	
NCBI Full Gene Name	CD59 molecule	
UniProt ID	P13987	
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	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.