

Technical Data Sheet

Product	Anti-Hu CD59 APC	
Cat. Number/Size	1A-233-T025	25 tests
	1A-233-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD59
Clone	MEM-43
Format	APC
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	red (633 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 activated allophycocyanin (APC) 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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