



	Technical Data Sheet	
Product	Anti-Hu CD55 PE	
Cat. Number/Size	1P-230-T025	25 tests
	1P-230-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD55	
Clone	MEM-118	
Format	PE	
Reactivity	Human, Non-human primates	
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	blue (488 nm)	
Isotype	Mouse IgM	
Specificity	The antibody MEM-118 recognizes an epitope in SCR4 domain of CD55 (Decay accelerating factor, DAF), a 60-70 kDa glycosylphosphatidylinositol (GPI)-anchored single chain extracellular glycoprotein. CD55 is widely expressed on hematopoietic and on many non-hematopoietic cells; it is weakly present on NK cells.	
Other names	DAF, CROM, CHAPLE	
Workshop	HLDA V: WS Code AS S016	
Immunogen	HPB-ALL human T cell line	
Entrez Gene ID	1604	
Gene name	CD55	
NCBI Full Gene Name	CD55 molecule (Cromer blood group)	
UniProt ID	P08174	
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 Tris buffered saline (TBS), pH 8.0, 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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