



	Technical Data Sheet	
Product	Anti-Hu CD56 PE-Cy™7	
Cat. Number/Size	T7-231-T025	25 tests
	T7-231-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD56	
Clone	MEM-188	
Format	PE-Cy™7	
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	blue (488 nm)	
Isotype	Mouse IgG2a	
Specificity	The antibody MEM-188 reacts with an extracellular epitope on a 180 kDa isoform of CD56 (NCAM) expressed in leukocytes. It has been suggested that the antibody MEM-188 could react with rhesus monkey lymphocytes. Reactivity with other NCAM isoforms has not been tested.	
Other names	NCAM1, MSK39	
Workshop	HLDA VI: WS code A055; HLDA VI: WS Code NK26; HLDA VII: WS code 70077	
Immunogen	KG-1 human acute myelogenous leukemia cell line	
Entrez Gene ID	4684	
Gene name	NCAM1	
NCBI Full Gene Name	neural cell adhesion molecule 1	
UniProt ID	P13591	
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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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