

Technical Data Sheet

Product	Anti-Hu CD56 APC	
Cat. Number/Size	1A-789-T025	25 tests
	1A-789-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD56	
Clone	LT56	
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 mouse monoclonal antibody LT56 recognizes an extracellular epitope of CD56 (NCAM), a transmembrane glycoprotein expressed ubiquitously in the nervous system and found also on T cells and NK cells.	
Other names	NCAM1, MSK39	
Workshop	HLDA X	
Immunogen	Cell line KG1a	
Entrez Gene ID	4684	
Gene name	NCAM1	
NCBI Full Gene Name	neural cell adhesion molecule 1	
UniProt ID	P13591	
Preparation	The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide	
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.	
Images and References	www.exbio.cz	

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