

Technical Data Sheet

Product	Anti-Hu CD56 PE-CyTM7	
Cat. Number/Size	T7-789-T025	25 tests
	T7-789-T100	100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD56
Clone	LT56
Format	PE-Cy TM 7
Reactivity	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 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, NCAM-1, 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 tandem dye PE-Cy TM 7 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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