



Technical Data Sheet

Product	Anti-Hu CD56 Alexa Fluor® 647		
Cat. Number/Size	A6-231-T100	100 tests	
	For Research Use Only.		
	Not for use in diagnostic or therapeutic procedures.		
Antigen	CD56		
Clone	MEM-188		
Format	Alexa Fluor® 647		
Reactivity	Non-human primates, Human		
Application	IHC-P, ICC, 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	red (633 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 Alexa Fluor® 647 NHS ester 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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