



	Technical Data Sheet	
Product	Anti-Hu CD271 APC	
Cat. Number/Size	1A-642-T025	25 tests
	1A-642-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD271	
Clone	NGFR5	
Format	APC	
Reactivity	Human, Rabbit, Cat, Non-human primates, Ferret	
Negative species	Mouse, Rat	
Application	FC (QC tested), FC-IC (verified)	
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. Extracellular and intracellular staining.	
Excitation laser	red (633 nm)	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody NGFR5 (originally C34C) recognizes an epitope within ammino acids 1 - 160 of CD271/NGFR, a 75 kDa transmembrane glycoprotein of the TNFR superfamily.	
Other names	TNFRSF16, NGFR, p75NTR, p75NGFR	
Workshop	HCDM listed	
Immunogen	Purified CD271 protein isolated from human melanoma cell line A875	
Entrez Gene ID	4804	
Gene name	NGFR	
NCBI Full Gene Name	nerve growth factor receptor	
UniProt ID	P08138	
Preparation	Purified antibody is conjugated with activated allophycocyanin (APC) 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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