

Technical Data Sheet

Product	Anti-Hu CD271 PerCP-Cy™5.5
Cat. Number/Size	T9-642-T025 25 tests T9-642-T100 100 tests
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.
Antigen	CD271
Clone	NGFR5
Format	PerCP-Cy™5.5
Reactivity	Human, Rabbit, Cat, Non-human primates, Ferret
Negative species	Mouse, Rat
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. Extracellular and intracellular staining.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody NGFR5 (originally C34C) recognizes an epitope within amino 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 tandem dye of activated Peridinin-Chlorophyll Protein-Cyanine 5.5 (PerCP-Cy™5.5) 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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