

### Technical Data Sheet

Product	<b>Anti-Hu CD271 PE-Cy™7</b>	
Cat. Number/Size	<b>T7-642-T025</b>	<b>25 tests</b>
	<b>T7-642-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

---

Antigen	CD271
Clone	NGFR5
Format	PE-Cy™7
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 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody NGFR5 (originally C34C) recognizes an intracellular epitope of CD271/NGFR, a 75 kDa transmembrane glycoprotein of the TNFR superfamily. The epitope is localized within amino acids 1 - 160.
Other names	TNFRSF16, NGFR, p75NTR, p75NGFR
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	The purified antibody is conjugated with tandem dye PE-Cy™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](http://www.exbio.cz)

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at [www.exbio.cz](http://www.exbio.cz). EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.

Cy™ and CyDye™ are registered trademarks of GE Healthcare.