

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) |
| 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 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 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

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. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.