

Technical Data Sheet

Product

Anti-Hu CD28 PerCP-Cy™5.5

Cat. Number/Size

T9-577-T025

25 tests

T9-577-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

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| Antigen | CD28 |
| Clone | CD28.2 |
| Format | PerCP-Cy™5.5 |
| Reactivity | Non-human primates, Human |
| 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. |
| Excitation laser | blue (488 nm) |
| Isotype | Mouse IgG1 kappa |
| Specificity | The mouse monoclonal antibody CD28.2 recognizes an extracellular epitope of CD28, a disulfide-linked homodimeric type I glycoprotein (monomer of Mw 44 kDa) which is a critical costimulatory receptor of T cells. |
| Other names | TP44 |
| Workshop | HLDA V: WS Code 5T CD28.05 |
| Immunogen | DC28.1.3.3 murine T cell hybridoma transfected with human CD28 cDNA |
| Entrez Gene ID | 940 |
| Gene name | CD28 |
| NCBI Full Gene Name | CD28 molecule |
| UniProt ID | P10747 |

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| 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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