

Technical Data Sheet

Product **Anti-Hu CD45RA APC-Cy™7**
Cat. Number/Size **T4-223-T100** **100 tests**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

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| Antigen | CD45RA |
| Clone | MEM-56 |
| Format | APC-Cy™7 |
| Reactivity | 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 | red (633 nm) |
| Isotype | Mouse IgG2b |
| Specificity | The antibody MEM-56 reacts with an extracellular epitope of CD45RA, a 205-220 kDa single chain type I glycoprotein, variant of CD45 (CD45RA isoform). CD45RA is expressed on most of B lymphocytes, resting and native T lymphocytes, medullar thymocytes and monocytes. |
| Other names | PTPRCR, T200RA |
| Workshop | HLDA IV: WS Code NL 907 |
| Immunogen | Human thymocytes and T lymphocytes. |

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| Preparation | Purified antibody is conjugated with activated tandem dye of allophycocyanin-cyanine 7 (APC-Cy™7) 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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