

Technical Data Sheet

| | | |
|------------------|---|------------------|
| Product | Anti-Hu CD45 PE | |
| Cat. Number/Size | 1P-222-T025 | 25 tests |
| | 1P-222-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

| | |
|---------------------|--|
| Antigen | CD45 |
| Clone | MEM-28 |
| Format | PE |
| Reactivity | Human |
| Negative species | Horse |
| Application | FC (QC tested) |
| Application details | Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests. |
| Excitation laser | blue (488 nm) |
| Isotype | Mouse IgG1 |
| Specificity | The antibody MEM-28 reacts with an extracellular epitope on all alternative forms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets. |
| Other names | LCA, T200, LY5, B220, GP180, TPC |
| Workshop | HLDA III: WS Code NL 833a |
| Immunogen | Human thymocytes and T lymphocytes. |
| Entrez Gene ID | 5788 |
| Gene name | PTPRC |
| NCBI Full Gene Name | protein tyrosine phosphatase receptor type C |
| UniProt ID | P08575 |

| | |
|----------------------|---|
| Preparation | The purified antibody is conjugated with R-phycoerythrin (PE) 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

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.