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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|                       | Technical Data Sheet                                                                                                                                                                                                                         |                  |
| Product               | <b>Anti-Hu CD45R0 APC</b>                                                                                                                                                                                                                    |                  |
| Cat. Number/Size      | <b>1A-498-T025</b>                                                                                                                                                                                                                           | <b>25 tests</b>  |
|                       | <b>1A-498-T100</b>                                                                                                                                                                                                                           | <b>100 tests</b> |
|                       | <b>For Research Use Only.</b>                                                                                                                                                                                                                |                  |
|                       | <b>Not for use in diagnostic or therapeutic procedures.</b>                                                                                                                                                                                  |                  |
| Antigen               | CD45R0                                                                                                                                                                                                                                       |                  |
| Clone                 | UCHL1                                                                                                                                                                                                                                        |                  |
| Format                | APC                                                                                                                                                                                                                                          |                  |
| Reactivity            | Human                                                                                                                                                                                                                                        |                  |
| 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 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.                    |                  |
| Excitation laser      | red (633 nm)                                                                                                                                                                                                                                 |                  |
| Isotype               | Mouse IgG2a                                                                                                                                                                                                                                  |                  |
| Specificity           | The antibody UCHL1 recognizes an extracellular epitope of CD45R0, a 180 kDa low molecular weight isoform of the leukocyte common antigen (LCA). The antigen is expressed on a subset of memory/activated T cells and on cortical thymocytes. |                  |
| Other names           | PTPRCR, T200R0                                                                                                                                                                                                                               |                  |
| Workshop              | HLDA III: WS Code NL 826; HLDA III: WS Code T 128; HLDA IV: WS Code NL 31; HLDA V: WS Code BP BP460; HLDA V: WS Code T T-081; HLDA V: WS Code T T-CD45.43                                                                                    |                  |
| Immunogen             | Human IL-2 dependent T cells                                                                                                                                                                                                                 |                  |
| 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                                                                                                                                                                                                                                 |                  |

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