

Technical Data Sheet

Product **Anti-Hu CD3 Pacific Blue™**
Cat. Number/Size **PB-815-T100** **100 tests**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

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| Antigen | CD3 |
| Clone | TB3 |
| Format | Pacific Blue™ |
| 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 | violet (405 nm) |
| Isotype | Mouse IgG2b |
| Specificity | The mouse monoclonal antibody TB3 recognizes an extracellular epitope on CD3 antigen of the TCR/CD3 complex on mature human T cells. This antibody has superior binding than the clone TB2. |
| Other names | CD3E, T3E, TCRE |
| Workshop | HLDA XI |
| Entrez Gene ID | 916 |
| Gene name | CD3E |
| NCBI Full Gene Name | CD3 antigen, epsilon polypeptide |
| UniProt ID | P07766 |

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| Preparation | Purified antibody is conjugated with Pacific Blue™ NHS ester 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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