

Technical Data Sheet

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| Product | Anti-Hu TCR Cbeta1 APC | |
| Cat. Number/Size | 1A-850-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | TCR Cbeta1 |
| Clone | JOVI.1 |
| 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 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. |
| Excitation laser | red (633 nm) |
| Isotype | Mouse IgG2a kappa |
| Specificity | The mouse monoclonal antibody JOVI.1 recognizes an extracellular epitope on TCR Cbeta1 (TRBC1). |
| Other names | TCRCB1, TRBC1 |
| Immunogen | thymus, spleen, and mesenteric lymph nodes isolated from a mouse transgenic for human TCR Vbeta3Cbeta1 |
| Entrez Gene ID | 28639 |
| Gene name | TRBC1 |
| NCBI Full Gene Name | T cell receptor beta constant 1 |
| UniProt ID | P01850 |

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| 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. |

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| Images and References | www.exbio.cz |
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