

Technical Data Sheet

Product **Anti-Hu TCR Cbeta1 PerCP-Cy™5.5**

Cat. Number/Size **T9-850-T100 100 tests**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	TCR Cbeta1
Clone	JOVI.1
Format	PerCP-Cy™5.5
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	blue (488 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

Preparation Purified antibody is conjugated with activated tandem dye of activated Peridinin-Chlorophyll Protein-Cyanine 5.5 (PerCP-Cy™5.5) 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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