

Technical Data Sheet

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

Antigen	TCR Cbeta1
Clone	JOVI.1
Format	FITC
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 fluorescein isothiocyanate (FITC) 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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