

Technical Data Sheet

Product	Anti-Hu CD3 PE
Cat. Number/Size	1P-815-T100 100 tests
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD3
Clone	TB3
Format	PE
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	blue (488 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

Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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