

Technical Data Sheet

Product

**Anti-Hu TdT PE**

Cat. Number/Size

**1P-868-T100**

**100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	TdT
Clone	41A
Format	PE
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for intracellular analysis of human blood cells after XPerm (fixation and permeabilization reagent, <a href="#">ED7397</a> ) permeabilization of cell membrane and using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG2a
Specificity	The mouse monoclonal antibody 41A recognizes TdT (terminal deoxynucleotidyl transferase; an intracellular antigen), which is responsible for antigen receptor diversity in pre-B and pre-T lymphocytes.
Other names	Terminal transferase, DNNT, Terminal addition enzyme
Immunogen	His-TdT recombinant protein
Entrez Gene ID	1791
Gene name	DNNT
NCBI Full Gene Name	DNA nucleotidylexotransferase
UniProt ID	P04053

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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. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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