



Technical Data Sheet

Product **Anti-Hu TdT Alexa Fluor® 647**
Cat. Number/Size **A6-868-T100** **100 tests**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Antigen	TdT
Clone	41A
Format	Alexa Fluor® 647
Reactivity	Human
Application	WB, IHC-P, 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. Intracellular staining.
Excitation laser	red (633 nm)
Isotype	Mouse IgG2a kappa
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, DNTT, Terminal addition enzyme
Immunogen	His-TdT recombinant protein
Entrez Gene ID	1791
Gene name	DNTT
NCBI Full Gene Name	DNA nucleotidylexotransferase
UniProt ID	P04053

Preparation	Purified antibody is conjugated with Alexa Fluor® 647 NHS ester 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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