

Technical Data Sheet

Product	Anti-Hu TdT FITC	
Cat. Number/Size	1F-868-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	TdT	
Clone	41A	
Format	FITC	
Reactivity	Human	
Application	FC-IC (QC tested)	
Application details	Flow cytometry: The reagent is designed for intracellular analysis of human blood cells after XPerm (fixation and permeabilization reagent, ED7397) permeabilization of cell membrane and 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 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	
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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