



	Technical Data Sheet	
Product	Anti-Hu CD3 FITC	
Cat. Number/Size	1F-202-T025	25 tests
	1F-202-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD3	
Clone	MEM-57	
Format	FITC	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2a kappa	
Specificity	The antibody MEM-57 reacts with an extracellular epitope on gamma-epsilon and delta-epsilon dimers of human CD3 complex, a part of a bigger multisubunit T cell receptor complex (CD3/TCR) expressed on peripheral blood T lymphocytes and mature thymocytes.	
Other names	CD3E, T3E, TCRE	
Workshop	HLDA IV: WS Code T 96	
Immunogen	Human thymocytes and T lymphocytes.	
Entrez Gene ID	916	
Gene name	CD3E	
NCBI Full Gene Name	CD3 antigen, epsilon polypeptide	
UniProt ID	P07766	
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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