



	Technical Data Sheet	
Product	Anti-Hu CD3 PE-Cy™7	
Cat. Number/Size	T7-173-T025	25 tests
	T7-173-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD3	
Clone	SK7	
Format	PE-Cy™7	
Reactivity	Non-human primates, Human	
Application	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. Extracellular and intracellular staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody SK7 recognizes an extracellular epitope on the CD3 antigen on mature human T cells. This antibody reacts with the epsilon chain of the CD3 complex. The monoclonal antibodies SK7 and UCHT1 recognize overlapping epitopes.	
Other names	CD3E, T3E, TCRE	
Workshop	HLDA II: WS Code T118; HLDA III: WS Code T492	
Immunogen	Human thymocytes	
Entrez Gene ID	916	
Gene name	CD3E	
NCBI Full Gene Name	CD3 antigen, epsilon polypeptide	
UniProt ID	P07766	
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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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