

Technical Data Sheet

Product	Anti-Hu CD3 PE-DyLight® 594	
Cat. Number/Size	T5-202-T025	25 tests
	T5-202-T100	100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD3
Clone	MEM-57
Format	PE-DyLight® 594
Reactivity	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.
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 activated tandem dye of R-phycoerythrin-DyLight®594 (PE-DyLight®594) 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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