

Technical Data Sheet

Product	<b>Anti-Hu CD7 PE-DyLight® 594</b>	
Cat. Number/Size	<b>T5-206-T025</b>	<b>25 tests</b>
	<b>T5-206-T100</b>	<b>100 tests</b>

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

---

Antigen	CD7
Clone	MEM-186
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 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The antibody MEM-186 reacts with an extracellular epitope of CD7, a 40 kD type I transmembrane glycoprotein expressed on peripheral blood T lymphocytes, NK-cells, hematopoietic progenitors, monocytes (weakly) and also on acute lymphocytic leukemia.
Other names	GP40, TLA, TP41, LEU-9
Workshop	HLDA VI: WS Code T 6T-015
Immunogen	Human acute myelogenous leukaemia cell line KG-1.
Entrez Gene ID	924
Gene name	CD7
NCBI Full Gene Name	CD7 molecule
UniProt ID	P09564

---

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](http://www.exbio.cz)

---

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at [www.exbio.cz](http://www.exbio.cz). EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.

DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.