

Technical Data Sheet

Product	<b>Anti-Hu CD13 PE-DyLight™ 594</b>	
Cat. Number/Size	<b>T5-396-T025</b>	<b>25 tests</b>
	<b>T5-396-T100</b>	<b>100 tests</b>

**For Research Use Only.**

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

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Antigen	CD13
Clone	WM15
Format	PE-DyLight™ 594
Reactivity	Human, Non-human primates
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 WM15 recognises an extracellular epitope of human CD13 cell surface glycoprotein, a 150 kDa molecule expressed on granulocytes, endothelial cells, epithelial cells and myeloid progenitors.
Other names	Aminopeptidase N, APN, PEPN, ANPEP, gp150, LAP1
Workshop	HLDA III: WS Code M 213; HLDA IV: WS Code M 44; HLDA IV: WS Code M 209; HLDA V: WS Code M MA191
Immunogen	Human AML cells
Entrez Gene ID	290
Gene name	ANPEP
NCBI Full Gene Name	alanyl aminopeptidase, membrane
UniProt ID	P15144

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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