

Technical Data Sheet

Product **Anti-Hu CD73 PE-Cy™5**  
Cat. Number/Size **T8-675-T100** **100 tests**  
**For Research Use Only.**  
**Not for use in diagnostic or therapeutic procedures.**

Antigen	CD73
Clone	AD2
Format	PE-Cy™5
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 kappa
Specificity	The mouse monoclonal antibody AD2 recognizes CD73, a 70 kDa GPI-anchored 5'-nucleotidase expressed predominantly on the surface of T and B cell subsets, follicular dendritic cells and endothelial cells.
Other names	ecto-5'-nucleotidase, NT5E, E5NT, CALJA, NTE
Workshop	HLDA IV, HLDA V
Immunogen	pre-B leukemia cells
Entrez Gene ID	4907
Gene name	NT5E
NCBI Full Gene Name	5'-nucleotidase ecto
UniProt ID	P21589

Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 5 (PE-Cy™5) 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)

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