



Technical Data Sheet

Product	Anti-Hu CD73 Alexa Fluor® 488	
Cat. Number/Size	A4-675-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD73
Clone	AD2
Format	Alexa Fluor® 488
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 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 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 Alexa Fluor® 488 NHS ester 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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