



	Technical Data Sheet	
Product	Anti-Hu CD74 PE	
Cat. Number/Size	1P-500-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD74	
Clone	LN2	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The antibody LN2 recognizes an extracellular epitope of CD74 (the MHC II-associated invariant chain, Ii), a type II transmembrane protein expressed in antigen-presenting cells, as well as e.g. on activated neoplastic cells in T cell lymphomas, in lymph node germinal center, mantle zone B cells, histiocytes, interdigitating reticulum cells, Langerhans cells, thymic dendritic cells and peripheral blood B lymphocytes.	
Other names	p33, DHLAG, HLADG, Ia-gamma	
Workshop	HLDA IV: WS Code B 129; HLDA V: WS Code B CD74.3	
Immunogen	SU-DHL-4 lymphoma cells	
Entrez Gene ID	972	
Gene name	CD74	
NCBI Full Gene Name	CD74 molecule	
UniProt ID	P04233	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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