



	Technical Data Sheet	
Product	Anti-Hu CD72 PE	
Cat. Number/Size	1P-310-T025	25 tests
	1P-310-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD72	
Clone	3F3	
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 IgG2b	
Specificity	The mouse monoclonal antibody 3F3 recognizes an extracellular epitope of CD72, a 39-43 kDa type II membrane glycoprotein (C-type lectin family). CD72 is a pan-B cell marker expressed throughout the B lymphocytes differentiation with the exception of plasma cells; it is also present on follicular dendritic cells.	
Other names	LYB2	
Workshop	HLDA V: WS Code B CD72.5; HLDA VI: WS Code B CD72.1; HLDA VI: WS Code 6 BP 84	
Immunogen	Normal human lymphocytes from a lymph node.	
Entrez Gene ID	971	
Gene name	CD72	
NCBI Full Gene Name	CD72 molecule	
UniProt ID	P21854	
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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