



Technical Data Sheet

Product	Anti-Hu CD72 Alexa Fluor® 488	
Cat. Number/Size	A4-310-T025	25 tests
	A4-310-T100	100 tests
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		
Antigen	CD72	
Clone	3F3	
Format	Alexa Fluor® 488	
Reactivity	Human	
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 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 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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