



	Technical Data Sheet	
Product	Anti-Hu CD371 PE	
Cat. Number/Size	1P-953-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD371	
Clone	50C1	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2a	
Specificity	The mouse monoclonal antibody 50C1 recognizes an extracellular epitope of CD371, a type II transmembrane glycoprotein expressed above all on monocytes, macrophages, granulocytes and dendritic cells.	
Other names	CLEC12A, CLL1, MICL, DCAL-2	
Immunogen	293T cells expressing human CD371-Flag	
Entrez Gene ID	160364	
Gene name	CLEC12A	
NCBI Full Gene Name	C-type lectin domain family 12 member A	
UniProt ID	Q5QGZ9	
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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