



	Technical Data Sheet	
Product	Anti-Hu CD101 PE	
Cat. Number/Size	1P-778-T025	25 tests
	1P-778-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD101	
Clone	BB27	
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 IgG1	
Specificity	The mouse monoclonal antibody BB27 recognizes an extracellular epitope of CD101, a 140 kDa disulfide-bonded homodimeric protein expressed on activated T cells, and some other cell types, such as granulocytes and cells of the monocyte/macrophage lineage.	
Other names	IGSF2, V7, EWI-101	
Workshop	HLDA V: WS Code T040	
Immunogen	Human thymic clone B12	
Entrez Gene ID	9398	
Gene name	CD101	
NCBI Full Gene Name	CD101 molecule	
UniProt ID	Q93033	
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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