



	Technical Data Sheet	
Product	Anti-Hu CD184 PE	
Cat. Number/Size	1P-146-T025	25 tests
	1P-146-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD184	
Clone	12G5	
Format	PE	
Reactivity	Human, Non-human primates	
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 kappa	
Specificity	The mouse monoclonal antibody 12G5 recognizes an extracellular epitope of CD184, a 45 kDa G-protein-linked CXC chemokine receptor widely expressed on blood and tissue cells.	
Other names	CXCR4, LAP3, LCR1, HM89, fusin, SDF1R	
Workshop	HLDA VII: WS Code 70204	
Immunogen	CP-MAC-infected Sup-T1 cells	
Entrez Gene ID	7852	
Gene name	CXCR4	
NCBI Full Gene Name	C-X-C motif chemokine receptor 4	
UniProt ID	P61073	
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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