

Technical Data Sheet

Product **Anti-Hu CD184 PE-Cy™7**
Cat. Number/Size **T7-146-T100** **100 tests**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Antigen	CD184
Clone	12G5
Format	PE-Cy™7
Reactivity	Human, Non-human primates
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 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 activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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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