

Technical Data Sheet

Product **Anti-Hu CD11b PE-Cy™7**
Cat. Number/Size **T7-681-T100** **100 tests**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Antigen	CD11b
Clone	ICRF44
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 IgG1
Specificity	The mouse monoclonal antibody ICRF44 recognizes an extracellular epitope of CD11b (Mac-1alpha), a 165-170 kDa type 1 transmembrane protein mainly expressed on monocytes, granulocytes and NK-cells.
Other names	Mac-1, Integrin alpha M, ITGAM, CR3A, MO1A, MAC1A
Workshop	HLDA IV: WS Code M047
Immunogen	Rheumatoid synovial cells and human monocytes.
Entrez Gene ID	3684
Gene name	ITGAM
NCBI Full Gene Name	integrin subunit alpha M
UniProt ID	P11215

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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