

Technical Data Sheet

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| Product | Anti-Hu CD11b Pacific Blue™ | |
| Cat. Number/Size | PB-681-T025 | 25 tests |
| | PB-681-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | CD11b |
| Clone | ICRF44 |
| Format | Pacific Blue™ |
| 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 | violet (405 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 |

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| Preparation | Purified antibody is conjugated with Pacific Blue™ NHS ester 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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