

Technical Data Sheet

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| Product | Anti-Hu CD11c PE | |
| Cat. Number/Size | 1P-529-T025 | 25 tests |
| | 1P-529-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | CD11c |
| Clone | BU15 |
| Format | PE |
| Reactivity | Human, Monkey |
| Application | FC (QC tested) |
| Application details | Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests. |
| Excitation laser | blue (488 nm) |
| Isotype | Mouse IgG1 kappa |
| Specificity | The antibody BU15 reacts with an extracellular epitope of CD11c (alphaX, p150), a 150 kDa integrin expressed mainly on dendritic cells and tissue macrophages. |
| Other names | Integrin alpha X, ITGAX, SLEB6 |
| Workshop | HLDA III: WS Code M 256; HLDA V: WS Code AS S143; HLDA VI: WS Code AS Ref.6 |
| Immunogen | Dendritic cells of synovial fluid |
| Entrez Gene ID | 3687 |
| Gene name | ITGAX |
| NCBI Full Gene Name | integrin subunit alpha X |
| UniProt ID | P20702 |

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| 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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