

Technical Data Sheet

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| Product | Anti-Hu CD172a PE | |
| Cat. Number/Size | 1P-798-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | CD172a |
| Clone | 15-414 |
| Format | PE |
| Reactivity | Human |
| 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 |
| Specificity | The mouse monoclonal antibody 15-414 recognizes an extracellular epitope of CD172a (SIRP alpha), an approximately 90 kDa transmembrane glycoprotein expressed on cells of myeloid origin and neurons. |
| Other names | PTPNS1, BIT, MFR, SIRPA, SHPS1 |
| Immunogen | Kg-1a cell line |
| Entrez Gene ID | 140885 |
| Gene name | SIRPA |
| NCBI Full Gene Name | signal regulatory protein alpha |
| UniProt ID | P78324 |

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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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