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| | Technical Data Sheet | |
| Product | Anti-Hu CD172a FITC | |
| Cat. Number/Size | 1F-798-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |
| Antigen | CD172a | |
| Clone | 15-414 | |
| Format | FITC | |
| Reactivity | Human | |
| 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 | |
| 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 | |
| Preparation | Purified antibody is conjugated with fluorescein isothiocyanate (FITC) 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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