

Technical Data Sheet

Product **Anti-Hu CD32 APC**
Cat. Number/Size **1A-751-T100** **100 tests**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

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| Antigen | CD32 |
| Clone | 3D3 |
| Format | APC |
| 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 | red (633 nm) |
| Isotype | Mouse IgG1 kappa |
| Specificity | The mouse monoclonal antibody 3D3 recognizes an extracellular epitope of CD32, a 40 kDa polymorphic transmembrane glycoprotein serving as the low affinity receptor for aggregated IgG. This antibody recognizes CD32 isoforms on B cells of all donors, but on platelets, monocytes, and granulocytes of only some donors (131R variant, but not 131H variant). |
| Other names | FCG2, FCGR2A, IGFR2 |
| Immunogen | purified glycosylated recombinant human FcgammaRIIa2 |
| Entrez Gene ID | 2212 |
| Gene name | FCGR2A |
| NCBI Full Gene Name | Fc fragment of IgG receptor IIa |
| UniProt ID | P12318 |

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| Preparation | Purified antibody is conjugated with activated allophycocyanin (APC) 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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