

Technical Data Sheet

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| Product | Anti-Hu CD15 PerCP-Cy™5.5 | |
| Cat. Number/Size | T9-213-T025 | 25 tests |
| | T9-213-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |
| Antigen | CD15 | |
| Clone | MEM-158 | |
| Format | PerCP-Cy™5.5 | |
| Reactivity | Human | |
| Negative species | Pig, Sheep, Cow | |
| 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 IgM | |
| Specificity | The antibody MEM-158 reacts with CD15, a cell membrane molecule 3-fucosyl-N-acetyllactosamine (3-FAL) strongly expressed on granulocytes, monocytes, macrophages, mast cells; it is also present on Langerhans cells and some myeloid precursors cells. | |
| Other names | Lewis x Blood Group antigen, Le(x), SSEA-1, 3-fucosyl-N-acetyllactosamine | |
| Workshop | HLDA VI: WS Code AS A053 | |
| Immunogen | Human granulocytes | |
| Preparation | The purified antibody is conjugated with tandem dye PerCP-Cy™5.5 under optimum conditions. The conjugate is purified by size-exclusion chromatography. | |
| Formulation | Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide | |
| Storage and handling | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label. | |
| Images and References | www.exbio.cz | |

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