

Technical Data Sheet

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| Product | Anti-Hu CD158d APC | |
| Cat. Number/Size | 1A-609-T025 | 25 tests |
| | 1A-609-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | CD158d |
| Clone | mAb#33 |
| 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 mAb#33 (also known as mAb 33 or 33) recognizes extracellular portion of CD158d / KIR2DL4, a 45 kDa NK cell marker. Cell surface expression and function of CD158d / KIR2DL4 depends on genotype of particular individuals. |
| Other names | KIR2DL4, KIR103AS, 103AS, 15.212 |
| Immunogen | NK3.3 cells and KIR2DL4-Ig fusion protein |
| Entrez Gene ID | 3805 |
| Gene name | KIR2DL4 |
| NCBI Full Gene Name | killer cell immunoglobulin like receptor, two Ig d |
| UniProt ID | Q99706 |

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| Preparation | The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography. |
| Formulation | Stabilizing phosphate buffered saline (PBS) solution containing 15 mM 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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