

Technical Data Sheet

Product

Anti-Hu CD314 APC

Cat. Number/Size

1A-650-T025

25 tests

1A-650-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

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| Antigen | CD314 |
| Clone | 1D11 |
| 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 1D11 recognizes CD314 / NKG2D, a 42 kDa C-type lectin-like activating receptor expressed by NK cells, gamma/delta T cells, and CD8+ T cells. |
| Other names | NKG2D, KLRK1, KLR |
| Immunogen | NKL cell line |

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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 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. |

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| Images and References | www.exbio.cz |
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