

Technical Data Sheet

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| Product | Anti-Hu CD279 APC | |
| Cat. Number/Size | 1A-176-T100 | 100 tests |
| | For Research Use Only. | |
| | Not for use in diagnostic or therapeutic procedures. | |

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| Antigen | CD279 |
| Clone | EH12.2H7 |
| Format | APC |
| Reactivity | Non-human primates, 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 EH12.2H7 recognizes an extracellular epitope of CD279 / PD-1 (programmed cell death 1), a 55 kDa type I transmembrane protein expressed above all during T cell development, on activated T cells, activated B cells, and activated monocytes. |
| Other names | PDCD1, PD1, SLEB2 |
| Entrez Gene ID | 5133 |
| Gene name | PDCD1 |
| NCBI Full Gene Name | programmed cell death 1 |
| UniProt ID | Q15116 |

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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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