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Technical Data Sheet

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| Product | **Anti-Hu CD56 APC** |
| Cat. Number/Size | **1A-231-T025** **25 tests**<br>**1A-231-T100** **100 tests** |
| | **For Research Use Only.** |
| | **Not for use in diagnostic or therapeutic procedures.** |

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| Antigen | CD56 |
| Clone | MEM-188 |
| 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 IgG2a |
| Specificity | The antibody MEM-188 reacts with an extracellular epitope on a 180 kDa isoform of CD56 (NCAM) expressed in leukocytes. It has been suggested that the antibody MEM-188 could react with rhesus monkey lymphocytes. Reactivity with other NCAM isoforms has not been tested. |
| Other names | NCAM1, MSK39 |
| Workshop | HLDA VI: WS code A055; HLDA VI: WS Code NK26; HLDA VII: WS code 70077 |
| Immunogen | KG-1 human acute myelogenous leukemia cell line |
| Entrez Gene ID | 4684 |
| Gene name | NCAM1 |
| NCBI Full Gene Name | neural cell adhesion molecule 1 |
| UniProt ID | P13591 |

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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. |

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| Images and References | www.exbio.cz |

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