

Technical Data Sheet

Product

**Anti-Hu CD56 APC**

Cat. Number/Size

**1A-231-T025**

**25 tests**

**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 <sup>6</sup> 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](http://www.exbio.cz)

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