

Technical Data Sheet

Product

Anti-Hu CD30 FITC

Cat. Number/Size

1F-455-T025

25 tests

1F-455-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

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| Antigen | CD30 |
| Clone | MEM-268 |
| Format | FITC |
| Reactivity | Human |
| Application | FC (QC tested) |
| Application details | Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests. |
| Excitation laser | blue (488 nm) |
| Isotype | Mouse IgG2a kappa |
| Specificity | The antibody MEM-268 recognizes extracellular part of CD30 (Ki-1 antigen), a 105 kDa single chain glycoprotein expressed on Hodgkin's and Reed-Sternberg cells; it is also found in Burkitt's lymphomas, virus-infected T and B lymphocytes, and on normal B and T lymphocytes after activation (T lymphocytes that produce Th2-type cytokines and on CD4+/CD8+ T lymphocytes that co-express CD45RO and the IL4 receptor). |
| Other names | Ki-1, TNFRSF8, CD30L receptor, D1S166E |
| Immunogen | Expression vector containing CD30 cDNA (booster suspension of THP-1 cell line) |
| Entrez Gene ID | 943 |
| Gene name | TNFRSF8 |
| NCBI Full Gene Name | TNF receptor superfamily member 8 |
| UniProt ID | P28908 |

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| Preparation | Purified antibody is conjugated with fluorescein isothiocyanate (FITC) 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. |

Images and References www.exbio.cz

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