

Technical Data Sheet

Product

Anti-Hu CD3 FITC

Cat. Number/Size

1F-202-T025

25 tests

1F-202-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

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|---------------------|---|
| Antigen | CD3 |
| Clone | MEM-57 |
| 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-57 reacts with an extracellular epitope on gamma-epsilon and delta-epsilon dimers of human CD3 complex, a part of a bigger multisubunit T cell receptor complex (CD3/TCR) expressed on peripheral blood T lymphocytes and mature thymocytes. |
| Other names | CD3E, T3E, TCRE |
| Workshop | HLDA IV: WS Code T 96 |
| Immunogen | Human thymocytes and T lymphocytes. |
| Entrez Gene ID | 916 |
| Gene name | CD3E |
| NCBI Full Gene Name | CD3 antigen, epsilon polypeptide |
| UniProt ID | P07766 |

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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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