

Technical Data Sheet

Product

**Anti-Hu CD3 FITC**

Cat. Number/Size

**1F-514-T025**

**25 tests**

**1F-514-T100**

**100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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|---------------------|---|
| Antigen             | CD3   |
| Clone               | UCHT1   |
| Format              | FITC  |
| Reactivity          | Non-human primates, 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 <sup>6</sup> cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests. Extracellular and intracellular staining. |
| Excitation laser    | blue (488 nm)   |
| Isotype             | Mouse IgG1 kappa  |
| Specificity         | The antibody UCHT1 recognizes an extracellular epitope on CD3 antigen of the TCR/CD3 complex on mature human T cells. The UCHT1 antibody reacts with the epsilon chain of the CD3 complex.  |
| Other names         | CD3E, T3E, TCRE   |
| Workshop            | HLDA I: WS Code T 3; HLDA III: WS Code T 126; HLDA III: WS Code T 471; HLDA VI: WS Code T 6T-CD3.1  |
| Immunogen           | human thymocytes followed by Sezary T cells   |
| 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.  |

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Images and References [www.exbio.cz](http://www.exbio.cz)

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