

Technical Data Sheet

Product Anti-Hu CD3 FITC

Cat. Number/Size **1F-631-T100 100 tests**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen CD3
Clone OKT3
Format FITC
Reactivity Human

Application FC (QC tested)

Application details Flow cytometry: The reagent is designed for analysis of human blood cells using 4 μl reagent / 100 μl of

whole blood or 10^6 cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.

Excitation laser blue (488 nm)
Isotype Mouse IgG2a

Specificity The mouse monoclonal antibody OKT3 recognizes an extracellular epitope on CD3 antigen of the TCR/CD3

complex on mature human T cells. This antibody, also known as Orthoclone OKT3 or Muromonab-CD3, has been extensively used as a drug for therapy of acute, glucocorticoid resistant rejection of allogenic renal, heart and liver transplants. It has also been investigated for use in treating T-cell acute lymphoblastic

leukemia.

Other names CD3E, T3E, TCRE

Workshop HLDA VI: WS Code T6T-R3

Immunogen human T cells

Entrez Gene ID 916
Gene name CD3E

NCBI Full Gene Name CD3 antigen, epsilon polypeptide

UniProt ID P07766

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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