

OKT 3 | 300499

Description	OKT 3 is a T cell hybridoma cell line derived from a P3x63Ag8.U1 mouse. It produces monoclonal antibodies against CD3.
Organism	Mouse
Tissue	Spleen
Applications	Flow cytometry, immunofluorescence, immunohistochemistry, immunoprecipitation
Synonyms	OKT3

Breed/Subspecies	CAF1 x BALB/c
Morphology	Clonal cell line
Cell type	CD3+ T cells (Th1/Th2/Th17)
Growth properties	Adherent/semi-adherent

Citation	Okada M, et al. (1984) J Immunol 133: 1745-1752
Biosafety level	1
NCBI_TaxID	10090
CellSaurusAccession	CVCL_2665

Products	OKT3 antibody (CD3) - various formats (monoclonal, polyclonal, recombinant) available from Cytion.
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Culture Medium RPMI 1640 (2.0 mM) / 2.0 mM NaHCO₃ (820700a)

Supplements 10% FBS

Subculturing 1:5

Freeze medium (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge at 300 x g for 3 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in 70% FBS.
 5. Seed cells into a 15 cm dish.
 6. Incubate for 8 hours.
 7. Wash cells with PBS.
 8. Seed cells into a 10 cm dish.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Yes

Freezing Procedure -78°C

Shipping Conditions -78°C

