

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

OKT 3

RRID:CVCL_2665

Type: Cell Line

Proper Citation

NCBI_Iran Cat# H104, RRID:CVCL_2665

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2665

Proper Citation: NCBI_Iran Cat# H104, RRID:CVCL_2665

Description: Cell line OKT 3 is a Hybridoma with a species of origin Mus musculus (Mouse)

Defining Citation: [PMID:314668](#)

Comments: Anecdotal: OKT3 was the first monoclonal antibody to be approved for clinical use in humans., Biotechnology: The monoclonal antibody produced by this hybridoma was used to prepare the humanized teplizumab (MGA031) therapeutic antibody., Biotechnology: The monoclonal antibody produced by this hybridoma was used as an immunosuppressant drug under the name Muromonab-CD3 (Orthoclone OKT3)., Group: Patented cell line.

Category: Hybridoma

Organism: Mus musculus (Mouse)

Name: OKT 3

Synonyms: OKT3

Cross References: CLO:CLO_0008252, CLDB:cl5239, ABCD:ABCD_AC852, ATCC:CRL-8001, BCRC:60154, CCRID:3101ETCHYB58, CLS:300499, ECACC:86022706, IZSLER:BS Hy 12, NCBI_Iran:H104, TKG:TKG 0235, Wikidata:Q54931950

ID: CVCL_2665

Vendor: NCBI_Iran

Catalog Number: H104

Hierarchy: cvcl_3412

Record Creation Time: 20250130T072551+0000

Record Last Update: 20260905T184103+0000

Ratings and Alerts

No rating or validation information has been found for OKT 3.

No alerts have been found for OKT 3.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Van Pelt S, et al. (2025) Tunneling CARs: Increasing CAR T-Cell Tumor Infiltration through the Overexpression of MMP-7 and Osteopontin-b. Cancer immunology research, 13(11), 1732.

Ducoin K, et al. (2022) Targeting NKG2A to boost anti-tumor CD8 T-cell responses in human colorectal cancer. Oncoimmunology, 11(1), 2046931.

Picarda E, et al. (2019) Cross-Reactive Donor-Specific CD8+ Tregs Efficiently Prevent Transplant Rejection. Cell reports, 29(13), 4245.

Marin E, et al. (2019) Human Tolerogenic Dendritic Cells Regulate Immune Responses through Lactate Synthesis. Cell metabolism, 30(6), 1075.