

# Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

## CD3 Monoclonal Antibody (OKT3), Functional Grade, eBioscience

RRID:AB\_468854

Type: Antibody

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### Proper Citation

(Thermo Fisher Scientific Cat# 16-0037-81, RRID:AB\_468854)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_468854](http://antibodyregistry.org/AB_468854)

**Proper Citation:** (Thermo Fisher Scientific Cat# 16-0037-81, RRID:AB\_468854)

**Target Antigen:** CD3

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: Flow, Functional  
Consolidation on 1/2020: AB\_468854, AB\_10116010

**Antibody Name:** CD3 Monoclonal Antibody (OKT3), Functional Grade, eBioscience

**Description:** This monoclonal targets CD3

**Target Organism:** human

**Clone ID:** Clone OKT3

**Antibody ID:** AB\_468854

**Vendor:** Thermo Fisher Scientific

**Catalog Number:** 16-0037-81

**Record Creation Time:** 20251216T073718+0000

**Record Last Update:** 20260713T044149+0000

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### Ratings and Alerts

No rating or validation information has been found for CD3 Monoclonal Antibody (OKT3), Functional Grade, eBioscience.

No alerts have been found for CD3 Monoclonal Antibody (OKT3), Functional Grade, eBioscience.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 58 mentions in open access literature.

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

Champagne J, et al. (2025) Adoptive T cell therapy targeting an inducible and broadly shared product of aberrant mRNA translation. *Immunity*, 58(1), 247.

Godfrey WH, et al. (2025) Phosphoglycerate mutase regulates Treg differentiation through control of serine synthesis and one-carbon metabolism. *eLife*, 14.

Khan KA, et al. (2025) Modulation of fibronectin extracellular matrix enhances anti-tumor efficacy of immune checkpoint blockade. *Cell reports. Medicine*, 6(9), 102322.

Zhou RW, et al. (2025) Safe immunosuppression-resistant pan-cancer immunotherapeutics by velcro-like density-dependent targeting of tumor-associated carbohydrate antigens. *Cell*.

Berry D, et al. (2025) The NF1 tumor suppressor regulates PD-L1 and immune evasion in melanoma. *Cell reports*, 44(3), 115365.

Mocholi E, et al. (2025) Glycolytic reprogramming shapes the histone acetylation profile of activated CD4+ T cells in juvenile idiopathic arthritis. *Cell reports*, 44(2), 115287.

Shimba A, et al. (2025) Stress-induced glucocorticoids enhance acute inflammation by promoting the differentiation of Th17 cells. *Cell reports*, 44(8), 116093.

Yao Y, et al. (2025) Short-chain fatty acids regulate T cell heterogeneity to alleviate recurrent spontaneous abortion. *British journal of pharmacology*.

Qian J, et al. (2025) A CXCR4 partial agonist improves immunotherapy by targeting immunosuppressive neutrophils and cancer-driven granulopoiesis. *Cancer cell*, 43(8), 1512.

Hodel AW, et al. (2025) Acidic pH can attenuate immune killing through inactivation of perforin. *EMBO reports*, 26(4), 929.

Cerveró-Varona A, et al. (2025) Amniotic epithelial Cell microvesicles uptake inhibits PBMCs and Jurkat cells activation by inducing mitochondria-dependent apoptosis.

iScience, 28(2), 111830.

Rashleigh L, et al. (2025) Antibody-like recognition of a ?? T cell receptor toward a foreign antigen. Structure (London, England : 1993).

Krawczyk M, et al. (2025) The costimulatory domain influences CD19 CAR-T cell resistance development in B-cell malignancies. bioRxiv : the preprint server for biology.

Honnayakanahalli Marichannegowda M, et al. (2025) Genetic signatures in the highly virulent subtype B human immunodeficiency virus-1 conferring resistance to broadly neutralizing antibodies. iScience, 28(7), 112847.

Jin WB, et al. (2025) Microbiota-derived bile acids antagonize the host androgen receptor and drive anti-tumor immunity. Cell, 188(9), 2336.

Revilla SA, et al. (2025) Impact of 3D cell culture hydrogels derived from basement membrane extracts or nanofibrillar cellulose on CAR-T cell activation. iScience, 28(9), 113234.

Lee H, et al. (2025) TCR signaling via NFATc1 constrains IL-15-induced bystander activation of human memory CD8+ T cells. Immunity, 58(12), 2957.

Deng S, et al. (2024) ITPRIPL1 binds CD3? to impede T cell activation and enable tumor immune evasion. Cell, 187(9), 2305.

Shen C, et al. (2024) The rebalancing of the immune system at the maternal-fetal interface ameliorates autism-like behavior in adult offspring. Cell reports, 43(10), 114787.

Kamnev A, et al. (2024) Coordinated ARP2/3 and glycolytic activities regulate the morphological and functional fitness of human CD8+ T cells. Cell reports, 43(3), 113853.