

Resource Summary Report

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CD3 Monoclonal Antibody (OKT3), Functional Grade, eBioscience

RRID:AB_468854

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 16-0037-81, RRID:AB_468854)

Antibody Information

URL: 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

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.

Data and Source Information

Source: [Antibody Registry](#)

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.

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

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

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

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

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*.

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.

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*.

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.

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

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

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.

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.

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.

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

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.