

# Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

## Alexa Fluor(R) 700 anti-mouse CD3

RRID:AB\_493697

Type: Antibody

### Proper Citation

BioLegend Cat# 100216, RRID:AB\_493697

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_493697](http://antibodyregistry.org/AB_493697)

**Proper Citation:** BioLegend Cat# 100216, RRID:AB\_493697

**Target Antigen:** CD3

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** Alexa Fluor(R) 700 anti-mouse CD3

**Description:** This monoclonal targets CD3

**Target Organism:** mouse

**Clone ID:** Clone 17A2

**Antibody ID:** AB\_493697

**Vendor:** BioLegend

**Catalog Number:** 100216

**Alternative Catalog Numbers:** 100215

**Record Creation Time:** 20250819T231203+0000

**Record Last Update:** 20250820T043608+0000

### Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 700 anti-mouse CD3.

No alerts have been found for Alexa Fluor(R) 700 anti-mouse CD3.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 77 mentions in open access literature.

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

Xu S, et al. (2026) Engineered MSCs enable bone marrow-targeted immunomodulation. *Cell stem cell*, 33(4), 660.

Kadam R, et al. (2026) Optineurin modulates mTORC2/AKT/STAT3 signaling to control MHC class II expression and adaptive immunity against HSV-1. *Cell reports*, 45(4), 117263.

Campisi M, et al. (2026) Vascular STING activation facilitates NK cell anti-tumor immunity in small cell lung cancer. *Cancer cell*, 44(4), 858.

Navarro Negredo P, et al. (2026) Targeting immune cells in the aged brain reveals that engineered cytokine IL-10 enhances neurogenesis and improves cognition. *Immunity*, 59(2), 458.

Fu J, et al. (2026) mRNA lipid-nanoparticle-mediated mitochondrial apoptosis augments adoptive T cell immunotherapy. *Cell reports. Medicine*, 7(4), 102706.

Fumet JD, et al. (2026) Tumor-Associated Macrophages Produce PGE2 to Promote CD8+ T-cell Exhaustion and Drive Resistance to PD-L1 Blockade in Microsatellite-Stable Colorectal Cancer. *Cancer research*, 86(3), 785.

Matoba K, et al. (2026) Circulating extracellular vesicle microRNAs mediate immune modulation of social behavior in male mice. *Nature communications*, 17(1).

Tripathi A, et al. (2026) Protocol for intranuclear Nrf2 detection in activated mouse, human, and Jurkat T cells by spectral flow cytometry. *STAR protocols*, 7(1), 104360.

Magno JC, et al. (2026) Engineering T Cells with a Tumor-Reactive Chimeric T-cell Receptor Reduces Exhaustion and Promotes Persistence to Elicit Enhanced Antitumor Responses. *Cancer research*, 86(11), 2688.

Oh JH, et al. (2025) Naturalized immune responses are stable over years in a colony of laboratory mice with wild-derived microbiota. *Immunity*, 58(9), 2305.

Li K, et al. (2025) An organoid co-culture model for probing systemic anti-tumor immunity in lung cancer. *Cell stem cell*, 32(8), 1218.

Gliniak CM, et al. (2025) FGF21 promotes longevity in diet-induced obesity through metabolic benefits independent of growth suppression. *Cell metabolism*, 37(7), 1547.

Muffels IJJ, et al. (2025) LIMK1 variants are associated with divergent endocrinological phenotypes and altered exocytosis dynamics. *iScience*, 28(6), 112585.

Dalangood S, et al. (2025) Cancer-associated adipocytes mediate CD8+T cell dysfunction via FGF21-driven lipolysis. *Cell reports*, 44(11), 116526.

Miranda-Waldetario MCG, et al. (2025) Long-lived IgE plasma cells that reside in the spleen contribute to the persistence of the IgE response. *Immunity*, 58(11), 2717.

Kim HC, et al. (2025) Gut microbiota dysbiosis induced by brain tumors modulates the efficacy of immunotherapy. *Cell reports*, 44(7), 115825.

Huai W, et al. (2025) OAS cross-activates RNase L intercellularly through cell-to-cell transfer of 2-5A to spread innate immunity. *Immunity*, 58(4), 797.

Li H, et al. (2025) In Situ Delivery of Gasdermin E mRNA Promotes Antitumor Immunity via Creatine-Elicited Type I Interferon Signaling in Monocytes. *Cancer immunology research*, 13(6), 939.

Caksa S, et al. (2025) Elevated Transglutaminase-2 in SOX10-Deficient Melanoma Promotes Tumor Onset and Decreases Intratumoral CD4+ T Cells. *Cancer research*.

da Silva Bortoleti BT, et al. (2025) A monoclonal antibody that inhibits the shedding of CD16a and CD16b and promotes antibody-dependent cellular cytotoxicity against tumors. *Nature communications*, 16(1), 9915.