

Resource Summary Report

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Rabbit Anti-CD3 Monoclonal Antibody, Unconjugated, Clone SP7

RRID:AB_443425

Type: Antibody

Proper Citation

(Abcam Cat# ab16669, RRID:AB_443425)

Antibody Information

URL: http://antibodyregistry.org/AB_443425

Proper Citation: (Abcam Cat# ab16669, RRID:AB_443425)

Target Antigen: CD3

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry; Western Blot; Immunohistochemistry-Fr, Immunohistochemistry-P, Western Blot

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: Rabbit Anti-CD3 Monoclonal Antibody, Unconjugated, Clone SP7

Description: This monoclonal targets CD3

Target Organism: feline, simian, canine, baboon, horse, mouse, cat, human, dog

Clone ID: Clone SP7

Antibody ID: AB_443425

Vendor: Abcam

Catalog Number: ab16669

Record Creation Time: 20241016T234912+0000

Record Last Update: 20241017T011807+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development
<https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Rabbit Anti-CD3 Monoclonal Antibody, Unconjugated, Clone SP7.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 118 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Kinoshita S, et al. (2024) Rejuvenated iPSC-derived GD2-directed CART Cells Harbor Robust Cytotoxicity Against Small Cell Lung Cancer. Cancer research communications, 4(3), 723.

Gan WL, et al. (2024) Hepatocyte-macrophage crosstalk via the PGRN-EGFR axis modulates ADAR1-mediated immunity in the liver. Cell reports, 43(7), 114400.

Subudhi I, et al. (2024) Metabolic coordination between skin epithelium and type 17 immunity sustains chronic skin inflammation. Immunity, 57(7), 1665.

Wang L, et al. (2024) Engineering an energy-dissipating hybrid tissue in vivo for obesity treatment. Cell reports, 43(7), 114425.

Strobl K, et al. (2024) JAK-STAT1 as therapeutic target for EGFR deficiency-associated inflammation and scarring alopecia. EMBO molecular medicine, 16(12), 3142.

Oami T, et al. (2024) Claudin-2 upregulation enhances intestinal permeability, immune activation, dysbiosis, and mortality in sepsis. *Proceedings of the National Academy of Sciences of the United States of America*, 121(10), e2217877121.

Liang Z, et al. (2024) Intestinal CXCR6+ ILC3s migrate to the kidney and exacerbate renal fibrosis via IL-23 receptor signaling enhanced by PD-1 expression. *Immunity*, 57(6), 1306.

Wang H, et al. (2024) Preclinical study and phase II trial of adapting low-dose radiotherapy to immunotherapy in small cell lung cancer. *Med (New York, N.Y.)*, 5(10), 1237.

Gaballa A, et al. (2024) PAF1c links S-phase progression to immune evasion and MYC function in pancreatic carcinoma. *Nature communications*, 15(1), 1446.

Srirat T, et al. (2024) NR4a1/2 deletion promotes accumulation of TCF1+ stem-like precursors of exhausted CD8+ T cells in the tumor microenvironment. *Cell reports*, 43(3), 113898.

Takahashi J, et al. (2024) Differential squamous cell fates elicited by NRF2 gain of function versus KEAP1 loss of function. *Cell reports*, 43(4), 114104.

Forsthuber A, et al. (2024) Cancer-associated fibroblast subtypes modulate the tumor-immune microenvironment and are associated with skin cancer malignancy. *Nature communications*, 15(1), 9678.

Zhao YC, et al. (2024) Value of carotid intima thickness in assessing advanced carotid plaque vulnerability: a study based on carotid artery ultrasonography and carotid plaque histology. *Quantitative imaging in medicine and surgery*, 14(2), 1994.

Liu W, et al. (2024) An immune cell map of human lung adenocarcinoma development reveals an anti-tumoral role of the Tfh-dependent tertiary lymphoid structure. *Cell reports. Medicine*, 5(3), 101448.

Jiang J, et al. (2024) CRISPR-Cas9-mediated deletion of carbonic anhydrase 2 in the ciliary body to treat glaucoma. *Cell reports. Medicine*, 5(5), 101524.

Wang S, et al. (2024) Disruption of MerTK increases the efficacy of checkpoint inhibitor by enhancing ferroptosis and immune response in hepatocellular carcinoma. *Cell reports. Medicine*, 5(2), 101415.

Massaro Cenere M, et al. (2024) Systemic inflammation accelerates neurodegeneration in a rat model of Parkinson's disease overexpressing human alpha synuclein. *NPJ Parkinson's disease*, 10(1), 213.

Perruzza L, et al. (2024) Protection from environmental enteric dysfunction and growth improvement in malnourished newborns by amplification of secretory IgA. *Cell reports. Medicine*, 5(7), 101639.

Gao KM, et al. (2024) Endothelial cell expression of a STING gain-of-function mutation

initiates pulmonary lymphocytic infiltration. Cell reports, 43(4), 114114.

Poon EK, et al. (2024) A novel inhibitor of class IIa histone deacetylases attenuates collagen-induced arthritis. British journal of pharmacology, 181(23), 4804.