

Resource Summary Report

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Alexa Fluor(R) 647 anti-mouse CD45

RRID:AB_493533

Type: Antibody

Proper Citation

BioLegend Cat# 103124, RRID:AB_493533

Antibody Information

URL: http://antibodyregistry.org/AB_493533

Proper Citation: BioLegend Cat# 103124, RRID:AB_493533

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, ICC, IHC, 3D IHC, SB

Antibody Name: Alexa Fluor(R) 647 anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_493533

Vendor: BioLegend

Catalog Number: 103124

Alternative Catalog Numbers: 103123

Record Creation Time: 20250820T070848+0000

Record Last Update: 20250821T014157+0000

Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 647 anti-mouse CD45.

No alerts have been found for Alexa Fluor(R) 647 anti-mouse CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Chen J, et al. (2026) Transcription factor Maf promotes expression of repressor Zeb2 to drive microglia development in primitive hematopoiesis. *Immunity*, 59(1), 48.

Kim H, et al. (2026) Myelin antigen capture in the CNS by B cells expressing EBV latent membrane protein 1 leads to demyelinating lesion formation. *Cell*.

Eberhard JN, et al. (2025) Immune targeting and host-protective effects of the latent stage of *Toxoplasma gondii*. *Nature microbiology*, 10(4), 992.

Kong W, et al. (2025) Neuroendocrine cells orchestrate regeneration through Desert hedgehog signaling. *Cell*, 188(18), 5020.

Huang L, et al. (2025) Interferon-driven CAF reprogramming augments immunogenic response to neoadjuvant radiotherapy in colorectal cancer. *Cell reports. Medicine*, 6(8), 102251.

Rottmann S, et al. (2025) Global matrisome changes in obese lung are linked to fibroblastic stroma and premature aging. *Cell reports*, 44(9), 116285.

Higaki K, et al. (2025) Universal fibroblasts across tissues can differentiate into niche cells for hematopoietic stem cells. *Cell reports*, 44(5), 115620.

Lubosch A, et al. (2025) The immune response against cancer is modulated by stromal cell fibronectin. *Neoplasia (New York, N.Y.)*, 67, 101196.

Kato Y, et al. (2024) Protocol for gene knockdown using siRNA in primary cultured neonatal murine microglia. *STAR protocols*, 5(1), 102867.

Lei Y, et al. (2023) Cooperative sensing of mitochondrial DNA by ZBP1 and cGAS promotes cardiotoxicity. *Cell*, 186(14), 3013.

Iguchi A, et al. (2023) INPP5D modulates TREM2 loss-of-function phenotypes in a β -amyloidosis mouse model. *iScience*, 26(4), 106375.

- Limagne E, et al. (2022) MEK inhibition overcomes chemoimmunotherapy resistance by inducing CXCL10 in cancer cells. *Cancer cell*, 40(2), 136.
- Kersten K, et al. (2022) Spatiotemporal co-dependency between macrophages and exhausted CD8+ T cells in cancer. *Cancer cell*, 40(6), 624.
- Frederico B, et al. (2022) DNGR-1-tracing marks an ependymal cell subset with damage-responsive neural stem cell potential. *Developmental cell*, 57(16), 1957.
- Schrottmaier WC, et al. (2022) Platelet p110 α mediates platelet-leukocyte interaction and curtails bacterial dissemination in pneumococcal pneumonia. *Cell reports*, 41(6), 111614.
- Foster DS, et al. (2022) Multiomic analysis reveals conservation of cancer-associated fibroblast phenotypes across species and tissue of origin. *Cancer cell*, 40(11), 1392.
- Shibuya M, et al. (2021) Synergistic effect of non-neutralizing antibodies and interferon- γ for cross-protection against influenza. *iScience*, 24(10), 103131.
- Löönd F, et al. (2021) Distinct contributions of partial and full EMT to breast cancer malignancy. *Developmental cell*, 56(23), 3203.
- Donato C, et al. (2021) Mass spectrometry analysis of circulating breast cancer cells from a Xenograft mouse model. *STAR protocols*, 2(2), 100480.
- Lu YJ, et al. (2021) CD4 T cell help prevents CD8 T cell exhaustion and promotes control of *Mycobacterium tuberculosis* infection. *Cell reports*, 36(11), 109696.