

# Resource Summary Report

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## Alexa Fluor(R) 700 anti-mouse CD45.1

RRID:AB\_493733

Type: Antibody

### Proper Citation

(BioLegend Cat# 110724, RRID:AB\_493733)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_493733](http://antibodyregistry.org/AB_493733)

**Proper Citation:** (BioLegend Cat# 110724, RRID:AB\_493733)

**Target Antigen:** CD45.1

**Host Organism:** Mouse

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** Alexa Fluor(R) 700 anti-mouse CD45.1

**Description:** This monoclonal targets CD45.1

**Target Organism:** mouse

**Clone ID:** Clone A20

**Antibody ID:** AB\_493733

**Vendor:** BioLegend

**Catalog Number:** 110724

**Alternative Catalog Numbers:** 110723

**Record Creation Time:** 20231110T044337+0000

**Record Last Update:** 20241115T090002+0000

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## Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 700 anti-mouse CD45.1.

No alerts have been found for Alexa Fluor(R) 700 anti-mouse CD45.1.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Wright SS, et al. (2025) Transplantation of gasdermin pores by extracellular vesicles propagates pyroptosis to bystander cells. *Cell*, 188(2), 280.

Allman A, et al. (2025) Splenic fibroblasts control marginal zone B cell movement and function via two distinct Notch2-dependent regulatory programs. *Immunity*, 58(1), 143.

Watanuki S, et al. (2024) SDHAF1 confers metabolic resilience to aging hematopoietic stem cells by promoting mitochondrial ATP production. *Cell stem cell*, 31(8), 1145.

Ngiow SF, et al. (2024) LAG-3 sustains TOX expression and regulates the CD94/NKG2-Qa-1b axis to govern exhausted CD8 T cell NK receptor expression and cytotoxicity. *Cell*, 187(16), 4336.

Ran L, et al. (2024) The transcription regulator ID3 maintains tumor-specific memory CD8+ T cells in draining lymph nodes during tumorigenesis. *Cell reports*, 43(9), 114690.

van Elsas MJ, et al. (2024) Immunotherapy-activated T cells recruit and skew late-stage activated M1-like macrophages that are critical for therapeutic efficacy. *Cancer cell*, 42(6), 1032.

Cardinez C, et al. (2024) IKK2 controls the inflammatory potential of tissue-resident regulatory T cells in a murine gain of function model. *Nature communications*, 15(1), 2345.

Watanuki S, et al. (2024) Context-dependent modification of PFKFB3 in hematopoietic stem cells promotes anaerobic glycolysis and ensures stress hematopoiesis. *eLife*, 12.

Beltra JC, et al. (2023) Stat5 opposes the transcription factor Tox and rewires exhausted CD8+ T cells toward durable effector-like states during chronic antigen exposure. *Immunity*, 56(12), 2699.

De Giovanni M, et al. (2023) Platelets and mast cells promote pathogenic eosinophil recruitment during invasive fungal infection via the 5-HIAA-GPR35 ligand-receptor system. *Immunity*, 56(7), 1548.

van Elsas MJ, et al. (2023) Invasive margin tissue-resident macrophages of high CD163 expression impede responses to T cell-based immunotherapy. *Journal for immunotherapy of cancer*, 11(3).

Gao Y, et al. (2023) ALKBH5 modulates hematopoietic stem and progenitor cell energy metabolism through m6A modification-mediated RNA stability control. *Cell reports*, 42(10), 113163.

Sivasami P, et al. (2023) Obesity-induced dysregulation of skin-resident PPAR $\gamma$ + Treg cells promotes IL-17A-mediated psoriatic inflammation. *Immunity*, 56(8), 1844.

Chen ST, et al. (2023) B cell receptor signaling in germinal centers prolongs survival and primes B cells for selection. *Immunity*, 56(3), 547.

Raso F, et al. (2023) Antigen receptor signaling and cell death resistance controls intestinal humoral response zonation. *Immunity*, 56(10), 2373.

Fettig NM, et al. (2022) Inhibition of Th1 activation and differentiation by dietary guar gum ameliorates experimental autoimmune encephalomyelitis. *Cell reports*, 40(11), 111328.

Castellanos CA, et al. (2021) Lymph node-resident dendritic cells drive TH2 cell development involving MARCH1. *Science immunology*, 6(64), eabh0707.

Li C, et al. (2021) Interferon- $\gamma$ -producing plasmacytoid dendritic cells drive the loss of adipose tissue regulatory T cells during obesity. *Cell metabolism*, 33(8), 1610.

Chen Z, et al. (2021) In vivo CD8+ T cell CRISPR screening reveals control by Fli1 in infection and cancer. *Cell*, 184(5), 1262.

Chao JL, et al. (2021) Effector T cell responses unleashed by regulatory T cell ablation exacerbate oral squamous cell carcinoma. *Cell reports. Medicine*, 2(9), 100399.