

# Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

## Alexa Fluor(R) 488 anti-mouse CD45.2

RRID:AB\_492868

Type: Antibody

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### Proper Citation

BioLegend Cat# 109816, RRID:AB\_492868

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_492868](http://antibodyregistry.org/AB_492868)

**Proper Citation:** BioLegend Cat# 109816, RRID:AB\_492868

**Target Antigen:** CD45.2

**Host Organism:** Mouse

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** Alexa Fluor(R) 488 anti-mouse CD45.2

**Description:** This monoclonal targets CD45.2

**Target Organism:** mouse

**Clone ID:** Clone 104

**Antibody ID:** AB\_492868

**Vendor:** BioLegend

**Catalog Number:** 109816

**Alternative Catalog Numbers:** 109815

**Record Creation Time:** 20250819T231025+0000

**Record Last Update:** 20250820T043053+0000

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### Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 488 anti-mouse CD45.2.

No alerts have been found for Alexa Fluor(R) 488 anti-mouse CD45.2.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Park C, et al. (2026) A Rasa3-G $\beta$ i signaling axis orchestrates B lymphocyte trafficking into and through lymphoid organs. Cell reports, 45(4), 117243.

Yan Y, et al. (2026) Local antibody feedback enforces a checkpoint on affinity maturation in the germinal center and promotes epitope spreading. Immunity, 59(3), 746.

Li X, et al. (2026) The TCR-SUB1-DOCK2 axis promotes autoimmunity by driving pathogenic CD4+ T cell tissue infiltration. Immunity, 59(1), 98.

Coulibaly ASK, et al. (2025) Id2 levels determine the development of effector vs. exhausted tissue-resident memory CD8+ T cells during CNS chronic infection. Cell reports, 44(6), 115861.

Chen R, et al. (2025) Transplants foster B cell alloimmunity by relaying extracellular vesicles to follicular dendritic cells. Cell reports, 44(6), 115832.

Ray R, et al. (2024) Eliciting a single amino acid change by vaccination generates antibody protection against group 1 and group 2 influenza A viruses. Immunity, 57(5), 1141.

Cha J, et al. (2024) Skin microbe-dependent TSLP-ILC2 priming axis in early life is co-opted in allergic inflammation. Cell host & microbe, 32(2), 244.

Florian DC, et al. (2023) Nanoparticle STING Agonist Reprograms the Bone Marrow to an Antitumor Phenotype and Protects Against Bone Destruction. Cancer research communications, 3(2), 223.

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

West EE, et al. (2023) Loss of CD4+ T cell-intrinsic arginase 1 accelerates Th1 response kinetics and reduces lung pathology during influenza infection. Immunity, 56(9), 2036.

Enterina JR, et al. (2022) Coordinated changes in glycosylation regulate the germinal center through CD22. Cell reports, 38(11), 110512.

Hirai T, et al. (2021) Competition for Active TGF $\beta$  Cytokine Allows for Selective Retention of Antigen-Specific Tissue-Resident Memory T Cells in the Epidermal Niche. *Immunity*, 54(1), 84.

Inverso D, et al. (2021) A spatial vascular transcriptomic, proteomic, and phosphoproteomic atlas unveils an angiocrine Tie-Wnt signaling axis in the liver. *Developmental cell*, 56(11), 1677.

Chow AK, et al. (2021) Enteric Glia Regulate Lymphocyte Activation via Autophagy-Mediated MHC-II Expression. *Cellular and molecular gastroenterology and hepatology*, 12(4), 1215.

Marchingo JM, et al. (2020) Quantitative analysis of how Myc controls T cell proteomes and metabolic pathways during T cell activation. *eLife*, 9.

Sinclair LV, et al. (2019) Antigen receptor control of methionine metabolism in T cells. *eLife*, 8.

Baptista AP, et al. (2019) The Chemoattractant Receptor Ebi2 Drives Intranodal Naive CD4<sup>+</sup> T Cell Peripheralization to Promote Effective Adaptive Immunity. *Immunity*, 50(5), 1188.

Li J, et al. (2018) Co-inhibitory Molecule B7 Superfamily Member 1 Expressed by Tumor-Infiltrating Myeloid Cells Induces Dysfunction of Anti-tumor CD8<sup>+</sup> T Cells. *Immunity*, 48(4), 773.