

# Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

## PE/Cyanine7 anti-mouse CD4

RRID:AB\_2563111

Type: Antibody

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### Proper Citation

BioLegend Cat# 116016, RRID:AB\_2563111

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2563111](http://antibodyregistry.org/AB_2563111)

**Proper Citation:** BioLegend Cat# 116016, RRID:AB\_2563111

**Target Antigen:** CD4

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** PE/Cyanine7 anti-mouse CD4

**Description:** This monoclonal targets CD4

**Target Organism:** mouse

**Clone ID:** Clone RM4-4

**Antibody ID:** AB\_2563111

**Vendor:** BioLegend

**Catalog Number:** 116016

**Alternative Catalog Numbers:** 116015

**Record Creation Time:** 20231110T035218+0000

**Record Last Update:** 20260831T221330+0000

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### Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-mouse CD4.

No alerts have been found for PE/Cyanine7 anti-mouse CD4.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Zhou J, et al. (2026) Gut-derived succinic acid potentiates high-altitude-related spermatogenesis dysfunction. *Cell host & microbe*, 34(1), 52.

Wang Y, et al. (2026) AARS1 promotes tumor progression and immune evasion via ATF6 lactylation-mediated tryptophan metabolism in hepatocellular carcinoma. *Cell metabolism*, 38(8), 1702.

Dhenni R, et al. (2025) Macrophages direct location-dependent recall of B cell memory to vaccination. *Cell*, 188(13), 3477.

Gu J, et al. (2022) Tumor metabolite lactate promotes tumorigenesis by modulating MOESIN lactylation and enhancing TGF- $\beta$  signaling in regulatory T cells. *Cell reports*, 39(12), 110986.

Zander R, et al. (2022) Tfh-cell-derived interleukin 21 sustains effector CD8<sup>+</sup> T cell responses during chronic viral infection. *Immunity*, 55(3), 475.

Gregoire C, et al. (2022) Viral infection engenders bona fide and bystander subsets of lung-resident memory B cells through a permissive mechanism. *Immunity*, 55(7), 1216.

Loo Yau H, et al. (2021) DNA hypomethylating agents increase activation and cytolytic activity of CD8<sup>+</sup> T cells. *Molecular cell*, 81(7), 1469.

Hou Y, et al. (2018) Non-canonical NF- $\kappa$ B Antagonizes STING Sensor-Mediated DNA Sensing in Radiotherapy. *Immunity*, 49(3), 490.