

# Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

## Alexa Fluor(R) 488 anti-mouse/human CD11b

RRID:AB\_493545

Type: Antibody

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### Proper Citation

BioLegend Cat# 101219, RRID:AB\_493545

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_493545](http://antibodyregistry.org/AB_493545)

**Proper Citation:** BioLegend Cat# 101219, RRID:AB\_493545

**Target Antigen:** CD11b

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC, IHC-F, 3D IHC, SB

**Antibody Name:** Alexa Fluor(R) 488 anti-mouse/human CD11b

**Description:** This monoclonal targets CD11b

**Target Organism:** cynomolgus, mouse, rhesus, human

**Clone ID:** Clone M1/70

**Antibody ID:** AB\_493545

**Vendor:** BioLegend

**Catalog Number:** 101219

**Alternative Catalog Numbers:** 101217

**Record Creation Time:** 20231110T044338+0000

**Record Last Update:** 20260830T021329+0000

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### Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 488 anti-mouse/human CD11b.

No alerts have been found for Alexa Fluor(R) 488 anti-mouse/human CD11b.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Duan J, et al. (2026) Loss of B3GAT1/HNK-1 disrupts glioma-CD8+ T cell immune synapse formation for immune escape. International immunopharmacology, 169, 115877.

Iannucci A, et al. (2025) The PYRIN domain is required for TLR4-mediated inflammation by PYHIN family members. iScience, 28(5), 112413.

Wise AD, et al. (2025) Mitochondria sense bacterial lactate and drive release of neutrophil extracellular traps. Cell host & microbe, 33(3), 341.

Xie Z, et al. (2025) Enteric neuronal Piezo1 maintains mechanical and immunological homeostasis by sensing force. Cell, 188(9), 2417.

Shon WJ, et al. (2023) Gut taste receptor type 1 member 3 is an intrinsic regulator of Western diet-induced intestinal inflammation. BMC medicine, 21(1), 165.

Biram A, et al. (2022) Bacterial infection disrupts established germinal center reactions through monocyte recruitment and impaired metabolic adaptation. Immunity, 55(3), 442.

Melcher C, et al. (2022) B cell-mediated regulatory mechanisms control tumor-promoting intestinal inflammation. Cell reports, 40(2), 111051.

Yao Y, et al. (2022) Mucus sialylation determines intestinal host-commensal homeostasis. Cell, 185(7), 1172.

Ullah I, et al. (2021) Live imaging of SARS-CoV-2 infection in mice reveals that neutralizing antibodies require Fc function for optimal efficacy. Immunity, 54(9), 2143.

Sparber F, et al. (2019) The Skin Commensal Yeast *Malassezia* Triggers a Type 17 Response that Coordinates Anti-fungal Immunity and Exacerbates Skin Inflammation. Cell host & microbe, 25(3), 389.

Rangan P, et al. (2019) Fasting-Mimicking Diet Modulates Microbiota and Promotes Intestinal Regeneration to Reduce Inflammatory Bowel Disease Pathology. Cell reports, 26(10), 2704.

Lin JR, et al. (2018) Highly multiplexed immunofluorescence imaging of human tissues and tumors using t-CyCIF and conventional optical microscopes. *eLife*, 7.