

# Resource Summary Report

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## CD68

RRID:AB\_2074844

Type: Antibody

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### Proper Citation

(Agilent Cat# M0876, RRID:AB\_2074844)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2074844](http://antibodyregistry.org/AB_2074844)

**Proper Citation:** (Agilent Cat# M0876, RRID:AB\_2074844)

**Target Antigen:** CD68

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Original Manufacturer: Dako. Now part of Agilent.

**Antibody Name:** CD68

**Description:** This monoclonal targets CD68

**Target Organism:** human

**Clone ID:** PG-M1

**Antibody ID:** AB\_2074844

**Vendor:** Agilent

**Catalog Number:** M0876

**Record Creation Time:** 20231110T050731+0000

**Record Last Update:** 20241115T070414+0000

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### Ratings and Alerts

- Used by Campbell-Thompson for paraffin and fresh frozen staining protocols for human pancreatic islets. - Campbell-Thompson et al, 2012 <https://dx.doi.org/10.3791/4068>

No alerts have been found for CD68.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Wu SG, et al. (2025) Atezolizumab, bevacizumab, pemetrexed and platinum for EGFR-mutant NSCLC patients after EGFR TKI failure: A phase II study with immune cell profile analysis. *Clinical and translational medicine*, 15(1), e70149.

Gan WL, et al. (2024) Hepatocyte-macrophage crosstalk via the PGRN-EGFR axis modulates ADAR1-mediated immunity in the liver. *Cell reports*, 43(7), 114400.

Iwahashi N, et al. (2024) Single-cell and spatial transcriptomics analysis of human adrenal aging. *Molecular metabolism*, 84, 101954.

Tanaka A, et al. (2024) Proteogenomic characterization of primary colorectal cancer and metastatic progression identifies proteome-based subtypes and signatures. *Cell reports*, 43(2), 113810.

Landau S, et al. (2024) Primitive macrophages enable long-term vascularization of human heart-on-a-chip platforms. *Cell stem cell*, 31(8), 1222.

Appelman B, et al. (2024) Muscle abnormalities worsen after post-exertional malaise in long COVID. *Nature communications*, 15(1), 17.

Kanzawa M, et al. (2024) Effects of the Cortisol Milieu on Tumor-Infiltrating Immune Cells in Corticotroph Tumors. *Endocrinology*, 165(4).

Campbell MJ, et al. (2024) Multi-platform biomarkers of response to an immune checkpoint inhibitor in the neoadjuvant I-SPY 2 trial for early-stage breast cancer. *Cell reports. Medicine*, 5(11), 101799.

Henon C, et al. (2024) Single-cell multiomics profiling reveals heterogeneous transcriptional programs and microenvironment in DSRCTs. *Cell reports. Medicine*, 5(6), 101582.

Montalban-Bravo G, et al. (2024) Targeting MCL1-driven anti-apoptotic pathways overcomes blast progression after hypomethylating agent failure in chronic myelomonocytic leukemia.

Cell reports. Medicine, 5(6), 101585.

Colgrave EM, et al. (2024) Distribution of smooth muscle actin and collagen in superficial peritoneal endometriotic lesions varies from the surrounding microenvironment. Reproductive biomedicine online, 48(3), 103610.

Neehus AL, et al. (2024) Human inherited CCR2 deficiency underlies progressive polycystic lung disease. Cell, 187(2), 390.

Banerjee K, et al. (2023) VEGF-C-expressing TAMs rewire the metastatic fate of breast cancer cells. Cell reports, 42(12), 113507.

Giugni FR, et al. (2023) Understanding yellow fever-associated myocardial injury: an autopsy study. EBioMedicine, 96, 104810.

Hawley JE, et al. (2023) Anti-PD-1 immunotherapy with androgen deprivation therapy induces robust immune infiltration in metastatic castration-sensitive prostate cancer. Cancer cell, 41(11), 1972.

Tzioras M, et al. (2023) Human astrocytes and microglia show augmented ingestion of synapses in Alzheimer's disease via MFG-E8. Cell reports. Medicine, 4(9), 101175.

van de Weijer LL, et al. (2023) A novel patient-derived meningioma spheroid model as a tool to study and treat epithelial-to-mesenchymal transition (EMT) in meningiomas. Acta neuropathologica communications, 11(1), 198.

Chowdhury S, et al. (2023) Proteogenomic analysis of chemo-refractory high-grade serous ovarian cancer. Cell, 186(16), 3476.

Barnett KC, et al. (2023) An epithelial-immune circuit amplifies inflammasome and IL-6 responses to SARS-CoV-2. Cell host & microbe, 31(2), 243.

Hoefl K, et al. (2023) Platelet-instructed SPP1+ macrophages drive myofibroblast activation in fibrosis in a CXCL4-dependent manner. Cell reports, 42(2), 112131.