

Resource Summary Report

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

F4/80 Monoclonal Antibody (BM8)

RRID:AB_10376289

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# MF48000, RRID:AB_10376289

Antibody Information

URL: http://antibodyregistry.org/AB_10376289

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Target Antigen: F4/80

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (Assay-dependent)

Antibody Name: F4/80 Monoclonal Antibody (BM8)

Description: This monoclonal targets F4/80

Target Organism: mouse

Clone ID: Clone BM8

Defining Citation: [PMID:24244446](#), [PMID:23354167](#), [PMID:20829523](#), [PMID:10859339](#), [PMID:19878357](#), [PMID:17850646](#), [PMID:18395842](#), [PMID:23292716](#), [PMID:17658501](#), [PMID:3948241](#), [PMID:25270069](#), [PMID:26663781](#), [PMID:26424146](#), [PMID:23677673](#), [PMID:18495963](#), [PMID:24998846](#), [PMID:16984263](#), [PMID:26150535](#), [PMID:11694622](#), [PMID:15665725](#), [PMID:26677984](#), [PMID:25205038](#), [PMID:19925653](#), [PMID:19253403](#), [PMID:19595299](#), [PMID:17518948](#), [PMID:25266422](#), [PMID:27235148](#), [PMID:26137396](#), [PMID:23180822](#), [PMID:22729249](#), [PMID:23475202](#), [PMID:22896637](#), [PMID:15240716](#), [PMID:27288879](#), [PMID:23913046](#), [PMID:22144888](#), [PMID:25376607](#), [PMID:21829346](#), [PMID:26390243](#), [PMID:16365404](#), [PMID:20805887](#), [PMID:26133397](#), [PMID:17901224](#), [PMID:23029290](#), [PMID:9551906](#), [PMID:24019914](#), [PMID:22796012](#), [PMID:21245842](#), [PMID:18657091](#), [PMID:26913956](#), [PMID:12914754](#), [PMID:14645526](#), [PMID:10233743](#)

Antibody ID: AB_10376289

Vendor: Thermo Fisher Scientific

Catalog Number: MF48000

Record Creation Time: 20231110T073845+0000

Record Last Update: 20260829T023622+0000

Ratings and Alerts

No rating or validation information has been found for F4/80 Monoclonal Antibody (BM8).

No alerts have been found for F4/80 Monoclonal Antibody (BM8).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Kolter J, et al. (2025) Sensory neurons shape local macrophage identity via TGF- β signaling. Immunity.

Liu ZY, et al. (2025) Efflux of N1-acetylspermidine from hepatoma fosters macrophage-mediated immune suppression to dampen immunotherapeutic efficacy. Immunity, 58(6), 1572.

Huang CX, et al. (2024) Pericancerous cross-presentation to cytotoxic T lymphocytes impairs immunotherapeutic efficacy in hepatocellular carcinoma. Cancer cell, 42(12), 2082.

Crump LS, et al. (2024) Targeting Tryptophan Catabolism in Ovarian Cancer to Attenuate Macrophage Infiltration and PD-L1 Expression. Cancer research communications, 4(3), 822.

Rosmus DD, et al. (2024) Redefining the ontogeny of hyalocytes as yolk sac-derived tissue-resident macrophages of the vitreous body. Journal of neuroinflammation, 21(1), 168.

Zhang P, et al. (2024) IL-22 resolves MASLD via enterocyte STAT3 restoration of diet-perturbed intestinal homeostasis. Cell metabolism, 36(10), 2341.

Silvestri A, et al. (2023) Biomimetic superabsorbent hydrogel acts as a gut protective dynamic exoskeleton improving metabolic parameters and expanding A. muciniphila. Cell reports. Medicine, 4(10), 101235.

Jeon HM, et al. (2023) Tissue factor is a critical regulator of radiation therapy-induced glioblastoma remodeling. *Cancer cell*, 41(8), 1480.

Lopez C, et al. (2022) Effects of muscle damage on ³¹ phosphorus magnetic resonance spectroscopy indices of energetic status and sarcolemma integrity in young mdx mice. *NMR in biomedicine*, 35(3), e4659.

Wu J, et al. (2022) Stromal p53 Regulates Breast Cancer Development, the Immune Landscape, and Survival in an Oncogene-Specific Manner. *Molecular cancer research : MCR*, 20(8), 1233.

Okamura DM, et al. (2021) Spiny mice activate unique transcriptional programs after severe kidney injury regenerating organ function without fibrosis. *iScience*, 24(11), 103269.

Dang MT, et al. (2021) Macrophages in SHH subgroup medulloblastoma display dynamic heterogeneity that varies with treatment modality. *Cell reports*, 34(13), 108917.

Williams MM, et al. (2021) MicroRNA-200c restoration reveals a cytokine profile to enhance M1 macrophage polarization in breast cancer. *NPJ breast cancer*, 7(1), 64.

Bertocchi A, et al. (2021) Gut vascular barrier impairment leads to intestinal bacteria dissemination and colorectal cancer metastasis to liver. *Cancer cell*, 39(5), 708.

De Simone G, et al. (2021) Identification of a Kupffer cell subset capable of reverting the T cell dysfunction induced by hepatocellular priming. *Immunity*, 54(9), 2089.

Tummers B, et al. (2020) Caspase-8-Dependent Inflammatory Responses Are Controlled by Its Adaptor, FADD, and Necroptosis. *Immunity*, 52(6), 994.

Orgaz JL, et al. (2020) Myosin II Reactivation and Cytoskeletal Remodeling as a Hallmark and a Vulnerability in Melanoma Therapy Resistance. *Cancer cell*, 37(1), 85.

Yartseva V, et al. (2020) Heterogeneity of Satellite Cells Implicates DELTA1/NOTCH2 Signaling in Self-Renewal. *Cell reports*, 30(5), 1491.

Batra A, et al. (2019) Effects of PDE5 inhibition on dystrophic muscle following an acute bout of downhill running and endurance training. *Journal of applied physiology (Bethesda, Md. : 1985)*, 126(6), 1737.

Kolter J, et al. (2019) A Subset of Skin Macrophages Contributes to the Surveillance and Regeneration of Local Nerves. *Immunity*, 50(6), 1482.