Resource Summary Report

Generated by RRID on Sep 10, 2026

Mouse Anti-microphthalmia Monoclonal Antibody, Unconjugated, Clone C5

RRID:AB_298801
Type: Antibody

Proper Citation

Abcam Cat# ab12039, RRID:AB_298801

Antibody Information

URL: http://antibodyregistry.org/AB_298801

Proper Citation: Abcam Cat# ab12039, RRID:AB_298801

Target Antigen: MiTF

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Gel Shift; Immunocytochemistry; Immunohistochemistry; Immunoprecipitation; Western Blot; GSA, Immunocytochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-P, Immunoprecipitation, Western Blot

Antibody Name: Mouse Anti-microphthalmia Monoclonal Antibody, Unconjugated, Clone C5

Description: This monoclonal targets MiTF

Target Organism: rat, mouse, human

Clone ID: Clone C5

Antibody ID: AB_298801

Vendor: Abcam

Catalog Number: ab12039

Record Creation Time: 20231110T045106+0000

Record Last Update: 20260829T083520+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-microphthalmia Monoclonal Antibody, Unconjugated, Clone C5.

No alerts have been found for Mouse Anti-microphthalmia Monoclonal Antibody, Unconjugated, Clone C5.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Ramírez-Sánchez A, et al. (2025) Metabolic buffering suppresses phenotype switching in cancer. bioRxiv : the preprint server for biology.

Dias D, et al. (2025) MITF, TFEB, and TFE3 drive distinct adaptive gene expression programs and immune infiltration in melanoma. Cell reports, 44(12), 116499.

Chocarro-Calvo A, et al. (2025) Fatty acid uptake activates an AXL-CAV1-?-catenin axis to drive melanoma progression. Genes & development, 39(7-8), 463.

Yu D, et al. (2024) Feedforward cysteine regulation maintains melanoma differentiation state and limits metastatic spread. Cell reports, 43(7), 114484.

Chocarro-Calvo A, et al. (2024) Phenotype-specific melanoma uptake of fatty acid from human adipocytes activates AXL and CAV1-dependent ?-catenin nuclear accumulation. bioRxiv : the preprint server for biology.

Dias D, et al. (2024) Functional specialization of MITF, TFEB and TFE3 drives radically distinct adaptive gene expression programs in melanoma. bioRxiv : the preprint server for biology.

Kenski JCN, et al. (2023) An adverse tumor-protective effect of IDO1 inhibition. Cell reports. Medicine, 4(2), 100941.

Coles BLK, et al. (2021) A microfluidic platform enables comprehensive gene expression profiling of mouse retinal stem cells. Lab on a chip, 21(22), 4464.

Raja DA, et al. (2020) Histone variant dictates fate biasing of neural crest cells to melanocyte lineage. Development (Cambridge, England), 147(5).

Oppezzo A, et al. (2020) Microphthalmia transcription factor expression contributes to bone marrow failure in Fanconi anemia. The Journal of clinical investigation, 130(3), 1377.

Duband JL, et al. (2020) Establishing Primary Cultures of Trunk Neural Crest Cells. Current protocols in cell biology, 88(1), e109.

Vivas-García Y, et al. (2020) Lineage-Restricted Regulation of SCD and Fatty Acid Saturation by MITF Controls Melanoma Phenotypic Plasticity. Molecular cell, 77(1), 120.

Varum S, et al. (2019) Yin Yang 1 Orchestrates a Metabolic Program Required for Both Neural Crest Development and Melanoma Formation. Cell stem cell, 24(4), 637.

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