

# Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

## SCD1 (C12H5) Rabbit mAb

RRID:AB\_2183099

Type: Antibody

### Proper Citation

Cell Signaling Technology Cat# 2794, RRID:AB\_2183099

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2183099](http://antibodyregistry.org/AB_2183099)

**Proper Citation:** Cell Signaling Technology Cat# 2794, RRID:AB\_2183099

**Target Antigen:** Mouse SCD1

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** Applications: W, IP, IHC-P, IF-IC

**Antibody Name:** SCD1 (C12H5) Rabbit mAb

**Description:** This monoclonal targets Mouse SCD1

**Target Organism:** mouse, human

**Clone ID:** Clone C12H5

**Antibody ID:** AB\_2183099

**Vendor:** Cell Signaling Technology

**Catalog Number:** 2794

**Record Creation Time:** 20250819T221555+0000

**Record Last Update:** 20250820T013828+0000

### Ratings and Alerts

No rating or validation information has been found for SCD1 (C12H5) Rabbit mAb.

No alerts have been found for SCD1 (C12H5) Rabbit mAb.

## Data and Source Information

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

## Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Goupille L, et al. (2026) Targeting systemic and tumor metabolic balances with ketogenic diets enhance efficacy of therapy in FLT3-ITD acute myeloid leukemia. *Cell reports*, 45(4), 117185.

Lu S, et al. (2025) Targeting Monounsaturated Fatty Acid Metabolism for Radiosensitization of KRAS Mutant 3D Lung Cancer Models. *Molecular cancer therapeutics*, 24(6), 920.

Chan AP, et al. (2025) Bile acids regulate lipid metabolism through selective actions on fatty acid absorption. *Cell metabolism*.

Sharda S, et al. (2025) Mangiferin modulates lipid metabolism via AKR1B1 in response to advanced glycation end products. *British journal of pharmacology*.

Soto-Catalán M, et al. (2024) Semaglutide Improves Liver Steatosis and De Novo Lipogenesis Markers in Obese and Type-2-Diabetic Mice with Metabolic-Dysfunction-Associated Steatotic Liver Disease. *International journal of molecular sciences*, 25(5).

Zhang K, et al. (2024) Glucose restriction enhances oxidative fiber formation: A multi-omic signal network involving AMPK and CaMK2. *iScience*, 27(1), 108590.

de Kivit S, et al. (2024) Immune suppression by human thymus-derived effector Tregs relies on glucose/lactate-fueled fatty acid synthesis. *Cell reports*, 43(9), 114681.

Cao H, et al. (2023) Malonylation of Acetyl-CoA carboxylase 1 promotes hepatic steatosis and is attenuated by ketogenic diet in NAFLD. *Cell reports*, 42(4), 112319.

Terry AR, et al. (2023) CD36 maintains lipid homeostasis via selective uptake of monounsaturated fatty acids during matrix detachment and tumor progression. *Cell metabolism*, 35(11), 2060.

Yan G, et al. (2022) BET inhibition induces vulnerability to MCL1 targeting through upregulation of fatty acid synthesis pathway in breast cancer. *Cell reports*, 40(11), 111304.

Sipilä K, et al. (2022) Embigin is a fibronectin receptor that affects sebaceous gland differentiation and metabolism. *Developmental cell*, 57(12), 1453.

Opazo-Ríos L, et al. (2022) Meta-Inflammation and De Novo Lipogenesis Markers Are Involved in Metabolic Associated Fatty Liver Disease Progression in BTBR ob/ob Mice. *International journal of molecular sciences*, 23(7).

Subedi A, et al. (2021) Nicotinamide phosphoribosyltransferase inhibitors selectively induce apoptosis of AML stem cells by disrupting lipid homeostasis. *Cell stem cell*, 28(10), 1851.

Bai X, et al. (2021) Diurnal regulation of oxidative phosphorylation restricts hepatocyte proliferation and inflammation. *Cell reports*, 36(10), 109659.

Guilherme A, et al. (2020) Control of Adipocyte Thermogenesis and Lipogenesis through  $\beta$ -3-Adrenergic and Thyroid Hormone Signal Integration. *Cell reports*, 31(5), 107598.

Zhao Y, et al. (2020) HCAR1/MCT1 Regulates Tumor Ferroptosis through the Lactate-Mediated AMPK-SCD1 Activity and Its Therapeutic Implications. *Cell reports*, 33(10), 108487.

Gouw AM, et al. (2019) The MYC Oncogene Cooperates with Sterol-Regulated Element-Binding Protein to Regulate Lipogenesis Essential for Neoplastic Growth. *Cell metabolism*, 30(3), 556.

Gu M, et al. (2019) Betulinic acid alleviates endoplasmic reticulum stress-mediated nonalcoholic fatty liver disease through activation of farnesoid X receptors in mice. *British journal of pharmacology*, 176(7), 847.

Rao Y, et al. (2019) Bouchardatine analogue alleviates non-alcoholic hepatic fatty liver disease/non-alcoholic steatohepatitis in high-fat fed mice by inhibiting ATP synthase activity. *British journal of pharmacology*, 176(16), 2877.

Wang G, et al. (2019) RASAL1 induces to downregulate the SCD1, leading to suppression of cell proliferation in colon cancer via LXR $\alpha$ /SREBP1c pathway. *Biological research*, 52(1), 60.