

Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

TSC1 Monoclonal Antibody (5C8A12)

RRID:AB_2533292

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 37-0400, RRID:AB_2533292

Antibody Information

URL: http://antibodyregistry.org/AB_2533292

Proper Citation: Thermo Fisher Scientific Cat# 37-0400, RRID:AB_2533292

Target Antigen: TSC1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IP (Assay-dependent), ELISA (Assay-dependent), WB (Assay-dependent)

Antibody Name: TSC1 Monoclonal Antibody (5C8A12)

Description: This monoclonal targets TSC1

Target Organism: human

Clone ID: Clone 5C8A12

Defining Citation: [PMID:18845692](#), [PMID:25565629](#), [PMID:22795129](#), [PMID:22848663](#), [PMID:20298436](#), [PMID:17693255](#), [PMID:25288394](#), [PMID:18410267](#), [PMID:20145209](#)

Antibody ID: AB_2533292

Vendor: Thermo Fisher Scientific

Catalog Number: 37-0400

Record Creation Time: 20231110T035528+0000

Record Last Update: 20260829T021130+0000

Ratings and Alerts

- Head-to-head comparison of available commercial antibodies against Hamartin by immunoblot (Western blot), immunoprecipitation and immunofluorescence. - YCHarOS <https://ycharos.com/>

No alerts have been found for TSC1 Monoclonal Antibody (5C8A12).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Belghazi M, et al. (2024) High-Resolution Proteomics Unravel a Native Functional Complex of Cav1.3, SK3, and Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels in Midbrain Dopaminergic Neurons. *Cells*, 13(11).

Prentzell MT, et al. (2021) G3BPs tether the TSC complex to lysosomes and suppress mTORC1 signaling. *Cell*, 184(3), 655.

Umegaki Y, et al. (2018) Palladin Is a Neuron-Specific Translational Target of mTOR Signaling That Regulates Axon Morphogenesis. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(21), 4985.