

Resource Summary Report

Generated by ASWG on Sep 21, 2026

OxPhos Human WB Antibody Cocktail

RRID:AB_2533836

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 45-8199, RRID:AB_2533836

Antibody Information

URL: http://antibodyregistry.org/AB_2533836

Proper Citation: Thermo Fisher Scientific Cat# 45-8199, RRID:AB_2533836

Target Antigen: OxPhos Human WB

Host Organism: mouse

Clonality: cocktail

Comments: Applications: WB (1:200-1:1,000)

Antibody Name: OxPhos Human WB Antibody Cocktail

Description: This cocktail targets OxPhos Human WB

Target Organism: human

Clone ID: Clone Cocktail

Defining Citation: [PMID:26699134](#)

Antibody ID: AB_2533836

Vendor: Thermo Fisher Scientific

Catalog Number: 45-8199

Record Creation Time: 20231110T035524+0000

Record Last Update: 20260829T225605+0000

Ratings and Alerts

No rating or validation information has been found for OxPhos Human WB Antibody Cocktail.

No alerts have been found for OxPhos Human WB Antibody Cocktail.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Alway SE, et al. (2026) Restoration of neuromuscular function by mitochondrial transplantation in injured mouse skeletal muscle. The Journal of physiology.

Tu A, et al. (2026) ASCC3 promotes chemosensitivity in colorectal cancer cells. Scientific reports, 16(1).

Thamm E, et al. (2026) THC and CBD Induce Heme Oxygenase-1-Dependent Cell Death and Trigger Mitochondrial Dysfunction in Human Melanoma and Cutaneous Squamous Cell Carcinoma Cells. Antioxidants (Basel, Switzerland), 15(3).

Harhai M, et al. (2025) An updated inventory of genes essential for oxidative phosphorylation identifies a mitochondrial origin in familial Ménière's disease. Cell reports, 44(8), 116069.

Choudhury D, et al. (2024) Proline restores mitochondrial function and reverses aging hallmarks in senescent cells. Cell reports, 43(2), 113738.

Ismaeel A, et al. (2024) Cocoa flavanols, Nrf2 activation, and oxidative stress in peripheral artery disease: mechanistic findings in muscle based on outcomes from a randomized trial. American journal of physiology. Cell physiology, 326(2), C589.

Eggelbusch M, et al. (2024) The impact of bed rest on human skeletal muscle metabolism. Cell reports. Medicine, 5(1), 101372.

Liu S, et al. (2023) Breast adipose tissue-derived extracellular vesicles from obese women alter tumor cell metabolism. EMBO reports, 24(12), e57339.

Ball AL, et al. (2023) The generation of HepG2 transmitochondrial cybrids to reveal the role of mitochondrial genotype in idiosyncratic drug-induced liver injury. eLife, 12.

Rupprecht A, et al. (2022) The Combination of Δ^9 -Tetrahydrocannabinol and Cannabidiol Suppresses Mitochondrial Respiration of Human Glioblastoma Cells via Downregulation of Specific Respiratory Chain Proteins. Cancers, 14(13).

Johansson PA, et al. (2022) A cis-acting structural variation at the ZNF558 locus controls a gene regulatory network in human brain development. *Cell stem cell*, 29(1), 52.

Tam BT, et al. (2020) Acetyl-CoA Regulation, OXPHOS Integrity and Leptin Levels Are Different in Females With Childhood vs Adulthood Onset of Obesity. *Endocrinology*, 161(11).