Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 13, 2025

Mouse Anti-Opsin Monoclonal Antibody, Unconjugated, Clone RET-P1

RRID:AB_260838
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# O4886, RRID:AB_260838)

Antibody Information

URL: http://antibodyregistry.org/AB_260838

Proper Citation: (Sigma-Aldrich Cat# O4886, RRID:AB_260838)

Target Antigen: Opsin

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: Electron Microscopy; ELISA; Immunocytochemistry; Immunohistochemistry; Radioimmunoassay; Western Blot; Electron Microscopy, Immunohistochemistry (frozen), Immunoblotting, Immunocytochemistry, Direct ELISA, Radioimmunoassay

Antibody Name: Mouse Anti-Opsin Monoclonal Antibody, Unconjugated, Clone RET-P1

Description: This monoclonal targets Opsin

Target Organism: other, chickenavian, rat, turtle, xenopus, amphibian, quail, mouse, goldfish, dove, duck, fish, rabbit, bovine, human

Clone ID: Clone RET-P1

Defining Citation: PMID:18626943

Antibody ID: AB_260838

Vendor: Sigma-Aldrich

Catalog Number: O4886

Record Creation Time: 20241017T004802+0000

Record Last Update: 20241017T024256+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Opsin Monoclonal Antibody, Unconjugated, Clone RET-P1.

No alerts have been found for Mouse Anti-Opsin Monoclonal Antibody, Unconjugated, Clone RET-P1.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kawashima R, et al. (2024) Necl-1/CADM3 regulates cone synapse formation in the mouse retina. iScience, 27(4), 109577.

Otsuka Y, et al. (2022) One-step induction of photoreceptor-like cells from human iPSCs by delivering transcription factors. iScience, 25(4), 103987.

Ribeiro J, et al. (2021) Restoration of visual function in advanced disease after transplantation of purified human pluripotent stem cell-derived cone photoreceptors. Cell reports, 35(3), 109022.

Matsuyama T, et al. (2021) Genetically engineered stem cell-derived retinal grafts for improved retinal reconstruction after transplantation. iScience, 24(8), 102866.

Trotta MC, et al. (2020) Resolvin D1 reduces mitochondrial damage to photoreceptors of primary retinal cells exposed to high glucose. Journal of cellular physiology, 235(5), 4256.

Lu Y, et al. (2020) Single-Cell Analysis of Human Retina Identifies Evolutionarily Conserved and Species-Specific Mechanisms Controlling Development. Developmental cell, 53(4), 473.

Maisto R, et al. (2020) Resolvin D1 Modulates the Intracellular VEGF-Related miRNAs of

Retinal Photoreceptors Challenged With High Glucose. Frontiers in pharmacology, 11, 235.

Zhu J, et al. (2017) Immunosuppression via Loss of IL2r? Enhances Long-Term Functional Integration of hESC-Derived Photoreceptors in the Mouse Retina. Cell stem cell, 20(3), 374.

Poché RA, et al. (2008) Sox9 is expressed in mouse multipotent retinal progenitor cells and functions in Müller glial cell development. The Journal of comparative neurology, 510(3), 237.