

Resource Summary Report

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Mouse Anti-Drosophila Patched Monoclonal Antibody, Unconjugated

RRID:AB_528441

Type: Antibody

Proper Citation

(DSHB Cat# Drosophila Ptc (Apa 1), RRID:AB_528441)

Antibody Information

URL: http://antibodyregistry.org/AB_528441

Proper Citation: (DSHB Cat# Drosophila Ptc (Apa 1), RRID:AB_528441)

Target Antigen: Mouse Drosophila Patched

Host Organism: mouse

Clonality: monoclonal

Comments: manufacturer recommendations: IgG2a, kappa light chain Immunoblotting; Western Blot

Antibody Name: Mouse Anti-Drosophila Patched Monoclonal Antibody, Unconjugated

Description: This monoclonal targets Mouse Drosophila Patched

Target Organism: drosophila, drosophilaarthropod

Antibody ID: AB_528441

Vendor: DSHB

Catalog Number: Drosophila Ptc (Apa 1)

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Drosophila Patched

Monoclonal Antibody, Unconjugated.

No alerts have been found for Mouse Anti-Drosophila Patched Monoclonal Antibody, Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Simon N, et al. (2024) Dally is not essential for Dpp spreading or internalization but for Dpp stability by antagonizing Tkv-mediated Dpp internalization. eLife, 12.

Fischer F, et al. (2024) A mismatch in the expression of cell surface molecules induces tissue-intrinsic defense against aberrant cells. Current biology : CB, 34(5), 980.

Matamoro-Vidal A, et al. (2024) Patterned apoptosis has an instructive role for local growth and tissue shape regulation in a fast-growing epithelium. Current biology : CB, 34(2), 376.

Bauer M, et al. (2023) Heterodimerization-dependent secretion of bone morphogenetic proteins in Drosophila. Developmental cell, 58(8), 645.

Gonçalves Antunes M, et al. (2022) High hedgehog signaling is transduced by a multikinase-dependent switch controlling the apico-basal distribution of the GPCR smoothened. eLife, 11.

Yang S, et al. (2022) The NDNF-like factor Nord is a Hedgehog-induced extracellular BMP modulator that regulates Drosophila wing patterning and growth. eLife, 11.

Sênos Demarco R, et al. (2022) Escargot controls somatic stem cell maintenance through the attenuation of the insulin receptor pathway in Drosophila. Cell reports, 39(3), 110679.

Kim JH, et al. (2021) Hedgehog signaling and Tre1 regulate actin dynamics through PI(4,5)P2 to direct migration of Drosophila embryonic germ cells. Cell reports, 34(9), 108799.

Yang S, et al. (2021) Competitive coordination of the dual roles of the Hedgehog co-receptor in homophilic adhesion and signal reception. eLife, 10.

Regadas I, et al. (2021) A unique histone 3 lysine 14 chromatin signature underlies tissue-specific gene regulation. Molecular cell, 81(8), 1766.

Zhu Y, et al. (2020) Scaling a Dpp Morphogen Gradient through Feedback Control of Receptors and Co-receptors. *Developmental cell*, 53(6), 724.

Lobo-Pecellín M, et al. (2019) mastermind regulates niche ageing independently of the Notch pathway in the *Drosophila* ovary. *Open biology*, 9(11), 190127.

Li B, et al. (2018) The retromer complex safeguards against neural progenitor-derived tumorigenesis by regulating Notch receptor trafficking. *eLife*, 7.

Ma M, et al. (2017) Basement Membrane Manipulation in *Drosophila* Wing Discs Affects Dpp Retention but Not Growth Mechanoregulation. *Developmental cell*, 42(1), 97.

Hao Y, et al. (2017) Dual role for Jumu in the control of hematopoietic progenitors in the *Drosophila* lymph gland. *eLife*, 6.

Zhang P, et al. (2017) A Balance of Yki/Sd Activator and E2F1/Sd Repressor Complexes Controls Cell Survival and Affects Organ Size. *Developmental cell*, 43(5), 603.

Jiang K, et al. (2015) Analysis of Smoothened Phosphorylation and Activation in Cultured Cells and Wing Discs of *Drosophila*. *Methods in molecular biology* (Clifton, N.J.), 1322, 45.

Wang G, et al. (2014) Hyperplastic discs differentially regulates the transcriptional outputs of hedgehog signaling. *Mechanisms of development*, 133, 117.

Mao F, et al. (2014) The Kto-Skd complex can regulate ptc expression by interacting with Cubitus interruptus (Ci) in the Hedgehog signaling pathway. *The Journal of biological chemistry*, 289(32), 22333.

Christiansen AE, et al. (2013) Non-cell autonomous control of apoptosis by ligand-independent Hedgehog signaling in *Drosophila*. *Cell death and differentiation*, 20(2), 302.