Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 17, 2025

Parkin (Prk8) Mouse monoclonal Antibody

RRID:AB_2159920
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4211, RRID:AB_2159920)

Antibody Information

URL: http://antibodyregistry.org/AB_2159920

Proper Citation: (Cell Signaling Technology Cat# 4211, RRID:AB_2159920)

Target Antigen: Parkin (Prk8)

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: Parkin (Prk8) Mouse monoclonal Antibody

Description: This monoclonal targets Parkin (Prk8)

Target Organism: rat, mouse, human

Clone ID: Prk8

Antibody ID: AB_2159920

Vendor: Cell Signaling Technology

Catalog Number: 4211

Alternative Catalog Numbers: 4211S, 4211T

Record Creation Time: 20231110T043608+0000

Record Last Update: 20241115T090557+0000

Ratings and Alerts

No rating or validation information has been found for Parkin (Prk8) Mouse monoclonal Antibody.

No alerts have been found for Parkin (Prk8) Mouse monoclonal Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Longo M, et al. (2024) Opposing roles for AMPK in regulating distinct mitophagy pathways. Molecular cell, 84(22), 4350.

Gan ZY, et al. (2024) Interaction of PINK1 with nucleotides and kinetin. Science advances, 10(3), eadj7408.

Traynor R, et al. (2024) Design and high-throughput implementation of MALDI-TOF/MS-based assays for Parkin E3 ligase activity. Cell reports methods, 4(2), 100712.

Yiu SPT, et al. (2023) An Epstein-Barr virus protein interaction map reveals NLRP3 inflammasome evasion via MAVS UFMylation. Molecular cell, 83(13), 2367.

Meyers AK, et al. (2023) Pyruvate dehydrogenase kinase supports macrophage NLRP3 inflammasome activation during acute inflammation. Cell reports, 42(1), 111941.

Panicker N, et al. (2022) Neuronal NLRP3 is a parkin substrate that drives neurodegeneration in Parkinson's disease. Neuron, 110(15), 2422.

Shlevkov E, et al. (2022) Discovery of small-molecule positive allosteric modulators of Parkin E3 ligase. iScience, 25(1), 103650.

Zhong J, et al. (2022) Roflupram attenuates ?-synuclein-induced cytotoxicity and promotes the mitochondrial translocation of Parkin in SH-SY5Y cells overexpressing A53T mutant ?-synuclein. Toxicology and applied pharmacology, 436, 115859.

Huo Y, et al. (2022) Prkn knockout mice show autistic-like behaviors and aberrant synapse formation. iScience, 25(7), 104573.

Singh A, et al. (2022) Urolithin A improves muscle strength, exercise performance, and biomarkers of mitochondrial health in a randomized trial in middle-aged adults. Cell reports.

Medicine, 3(5), 100633.

Ding D, et al. (2021) FOXO3a-dependent Parkin regulates the development of gastric cancer by targeting ATP-binding cassette transporter E1. Journal of cellular physiology, 236(4), 2740.

Oshima Y, et al. (2021) Parkin-independent mitophagy via Drp1-mediated outer membrane severing and inner membrane ubiquitination. The Journal of cell biology, 220(6).

Leermakers PA, et al. (2020) Pulmonary inflammation-induced alterations in key regulators of mitophagy and mitochondrial biogenesis in murine skeletal muscle. BMC pulmonary medicine, 20(1), 20.

D'Amico D, et al. (2019) The RNA-Binding Protein PUM2 Impairs Mitochondrial Dynamics and Mitophagy During Aging. Molecular cell, 73(4), 775.

Zhou W, et al. (2018) UBE2M Is a Stress-Inducible Dual E2 for Neddylation and Ubiquitylation that Promotes Targeted Degradation of UBE2F. Molecular cell, 70(6), 1008.

Vandekeere S, et al. (2018) Serine Synthesis via PHGDH Is Essential for Heme Production in Endothelial Cells. Cell metabolism, 28(4), 573.

Thomas HE, et al. (2018) Mitochondrial Complex I Activity Is Required for Maximal Autophagy. Cell reports, 24(9), 2404.

Wei Y, et al. (2017) Prohibitin 2 Is an Inner Mitochondrial Membrane Mitophagy Receptor. Cell, 168(1-2), 224.

Cao M, et al. (2017) Parkinson Sac Domain Mutation in Synaptojanin 1 Impairs Clathrin Uncoating at Synapses and Triggers Dystrophic Changes in Dopaminergic Axons. Neuron, 93(4), 882.