Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

Anti-Dynein, 74 kDa Intermediate chains, cytoplasmic, clone 74.1

RRID:AB_2246059
Type: Antibody

Proper Citation

(Millipore Cat# MAB1618, RRID:AB_2246059)

Antibody Information

URL: http://antibodyregistry.org/AB_2246059

Proper Citation: (Millipore Cat# MAB1618, RRID:AB_2246059)

Target Antigen: Dynein 74 kDa Intermediate chains cytoplasmic clone 74.1

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: IgG2; IgG2 Western Blot; Immunofluorescence; Immunocytochemistry; Immunoprecipitation; IC, IF, IP, WB

Antibody Name: Anti-Dynein, 74 kDa Intermediate chains, cytoplasmic, clone 74.1

Description: This monoclonal targets Dynein 74 kDa Intermediate chains cytoplasmic clone 74.1

Target Organism: b, xenopusamphibian, f, h, m, dr, r, sh, xn

Defining Citation: PMID:18785627

Antibody ID: AB_2246059

Vendor: Millipore

Catalog Number: MAB1618

Record Creation Time: 20241016T223112+0000

Record Last Update: 20241016T230234+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Dynein, 74 kDa Intermediate chains, cytoplasmic, clone 74.1.

No alerts have been found for Anti-Dynein, 74 kDa Intermediate chains, cytoplasmic, clone 74.1.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Neahring L, et al. (2024) Torques within and outside the human spindle balance twist at anaphase. The Journal of cell biology, 223(9).

Tsong H, et al. (2023) Aging Differentially Affects Axonal Autophagosome Formation and Maturation. Autophagy, 19(12), 3079.

Garner KEL, et al. (2023) The meiotic LINC complex component KASH5 is an activating adaptor for cytoplasmic dynein. The Journal of cell biology, 222(5).

Neahring L, et al. (2023) Torques within and outside the human spindle balance twist at anaphase. bioRxiv : the preprint server for biology.

Artcibasova A, et al. (2023) A quantitative model for virus uncoating predicts influenza A infectivity. Cell reports, 42(12), 113558.

Keren-Kaplan T, et al. (2022) RUFY3 and RUFY4 are ARL8 effectors that promote coupling of endolysosomes to dynein-dynactin. Nature communications, 13(1), 1506.

Zhang Y, et al. (2022) Nde1 is a Rab9 effector for loading late endosomes to cytoplasmic dynein motor complex. Structure (London, England : 1993), 30(3), 386.

Stevenson NL, et al. (2021) Giantin is required for intracellular N-terminal processing of type I procollagen. The Journal of cell biology, 220(6).

McCaughey J, et al. (2021) A general role for TANGO1, encoded by MIA3, in secretory pathway organization and function. Journal of cell science, 134(17).

Moon HM, et al. (2020) LIS1 determines cleavage plane positioning by regulating actomyosin-mediated cell membrane contractility. eLife, 9.

Wang Y, et al. (2020) Drug Targeting the Actin Cytoskeleton Potentiates the Cytotoxicity of Low Dose Vincristine by Abrogating Actin-Mediated Repair of Spindle Defects. Molecular cancer research : MCR, 18(7), 1074.

Hueschen CL, et al. (2019) Microtubule End-Clustering Maintains a Steady-State Spindle Shape. Current biology : CB, 29(4), 700.

Heisler FF, et al. (2018) Muskelin Coordinates PrPC Lysosome versus Exosome Targeting and Impacts Prion Disease Progression. Neuron, 99(6), 1155.

Vuolo L, et al. (2018) Dynein-2 intermediate chains play crucial but distinct roles in primary cilia formation and function. eLife, 7.

Höing S, et al. (2018) Dynarrestin, a Novel Inhibitor of Cytoplasmic Dynein. Cell chemical biology, 25(4), 357.

Pathak A, et al. (2018) Retrograde Degenerative Signaling Mediated by the p75 Neurotrophin Receptor Requires p150Glued Deacetylation by Axonal HDAC1. Developmental cell, 46(3), 376.

Latremoliere A, et al. (2018) Neuronal-Specific TUBB3 Is Not Required for Normal Neuronal Function but Is Essential for Timely Axon Regeneration. Cell reports, 24(7), 1865.

di Pietro F, et al. (2017) An RNAi Screen in a Novel Model of Oriented Divisions Identifies the Actin-Capping Protein Z ? as an Essential Regulator of Spindle Orientation. Current biology : CB, 27(16), 2452.

Hueschen CL, et al. (2017) NuMA recruits dynein activity to microtubule minus-ends at mitosis. eLife, 6.

Ye X, et al. (2017) Regulation of Synaptic Amyloid-? Generation through BACE1 Retrograde Transport in a Mouse Model of Alzheimer's Disease. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(10), 2639.