Resource Summary Report

Generated by kravitz2 on Jul 29, 2026

Mouse Anti-Dystroglycan, alpha Monoclonal antibody, Unconjugated, Clone iih6c4

RRID:AB_309828
Type: Antibody

Proper Citation

Millipore Cat# 05-593, RRID:AB_309828

Antibody Information

URL: http://antibodyregistry.org/AB_309828

Proper Citation: Millipore Cat# 05-593, RRID:AB_309828

Target Antigen: Dystroglycan, alpha

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: Immunohistochemistry; Western Blot; Western Blotting,Inhibits Activity/Function

Antibody Name: Mouse Anti-Dystroglycan, alpha Monoclonal antibody, Unconjugated, Clone iih6c4

Description: This monoclonal targets Dystroglycan, alpha

Target Organism: rat, canine, mouse, rabbit, human

Clone ID: Clone IIH6C4

Defining Citation: PMID:21452199

Antibody ID: AB_309828

Vendor: Millipore

Catalog Number: 05-593

Record Creation Time: 20250820T003053+0000

Record Last Update: 20250820T082807+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Dystroglycan, alpha Monoclonal antibody, Unconjugated, Clone iih6c4.

No alerts have been found for Mouse Anti-Dystroglycan, alpha Monoclonal antibody, Unconjugated, Clone iih6c4.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Jahncke JN, et al. (2025) Distinct functional domains of Dystroglycan regulate inhibitory synapse formation and maintenance in cerebellar Purkinje cells. Communications biology, 8(1), 878.

Jahncke JN, et al. (2024) Tools for Cre-Mediated Conditional Deletion of Floxed Alleles from Developing Cerebellar Purkinje Cells. eNeuro, 11(6).

Rosner M, et al. (2024) Oct4 controls basement membrane development during human embryogenesis. Developmental cell, 59(11), 1439.

Ma K, et al. (2024) Saturation mutagenesis-reinforced functional assays for disease-related genes. Cell, 187(23), 6707.

Jahncke JN, et al. (2024) Inhibitory CCK+ basket synapse defects in mouse models of dystroglycanopathy. eLife, 12.

Jahncke JN, et al. (2024) Tools for Cre-mediated conditional deletion of floxed alleles from developing cerebellar Purkinje cells. bioRxiv : the preprint server for biology.

Okuma H, et al. (2023) N-terminal domain on dystroglycan enables LARGE1 to extend matriglycan on ?-dystroglycan and prevents muscular dystrophy. eLife, 12.

Ortiz-Cordero C, et al. (2021) NAD+ enhances ribitol and ribose rescue of ?-dystroglycan functional glycosylation in human FKRP-mutant myotubes. eLife, 10.

Morcom L, et al. (2021) DCC regulates astroglial development essential for telencephalic morphogenesis and corpus callosum formation. eLife, 10.

Miller DS, et al. (2021) Neuronal Dystroglycan regulates postnatal development of CCK/cannabinoid receptor-1 interneurons. Neural development, 16(1), 4.

Dhoke NR, et al. (2021) A universal gene correction approach for FKRP-associated dystroglycanopathies to enable autologous cell therapy. Cell reports, 36(2), 109360.

Morioka S, et al. (2020) Congenital hearing impairment associated with peripheral cochlear nerve dysmyelination in glycosylation-deficient muscular dystrophy. PLoS genetics, 16(5), e1008826.

Jimenez-Gutierrez GE, et al. (2020) Loss of Dystroglycan Drives Cellular Senescence via Defective Mitosis-Mediated Genomic Instability. International journal of molecular sciences, 21(14).

Walimbe AS, et al. (2020) POMK regulates dystroglycan function via LARGE1-mediated elongation of matriglycan. eLife, 9.

Uezu A, et al. (2019) Essential role for InSyn1 in dystroglycan complex integrity and cognitive behaviors in mice. eLife, 8.

Lindenmaier LB, et al. (2019) Dystroglycan is a scaffold for extracellular axon guidance decisions. eLife, 8.