

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

Connexin-43

RRID:AB_397473

Type: Antibody

Proper Citation

BD Biosciences Cat# 610061, RRID:AB_397473

Antibody Information

URL: http://antibodyregistry.org/AB_397473

Proper Citation: BD Biosciences Cat# 610061, RRID:AB_397473

Target Antigen: Connexin-43

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western blot

Antibody Name: Connexin-43

Description: This monoclonal targets Connexin-43

Target Organism: chicken, rat, canine, mouse, chickenbird, dog, human

Antibody ID: AB_397473

Vendor: BD Biosciences

Catalog Number: 610061

Record Creation Time: 20250820T063031+0000

Record Last Update: 20250821T001819+0000

Ratings and Alerts

No rating or validation information has been found for Connexin-43.

No alerts have been found for Connexin-43.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

van der Geest JSA, et al. (2025) Dexrazoxane protects against doxorubicin-induced cardiotoxicity in susceptible human living myocardial slices: A proof-of-concept study. *British journal of pharmacology*, 182(18), 4262.

Pelz L, et al. (2024) The IgCAM BT-IgSF (IgSF11) is essential for connexin43-mediated astrocyte-astrocyte coupling in mice. *eNeuro*, 11(3).

Kebbe M, et al. (2023) Distinct protein kinase C isoforms drive the cell cycle re-entry of two separate populations of neonatal rat ventricular cardiomyocytes. *American journal of physiology. Cell physiology*, 325(2), C406.

Recabal A, et al. (2021) The FGF2-induced tanycyte proliferation involves a connexin 43 hemichannel/purinergic-dependent pathway. *Journal of neurochemistry*, 156(2), 182.

Wang R, et al. (2019) Tubulin detyrosination promotes human trophoblast syncytium formation. *Journal of molecular cell biology*, 11(11), 967.

Yap L, et al. (2019) In Vivo Generation of Post-infarct Human Cardiac Muscle by Laminin-Promoted Cardiovascular Progenitors. *Cell reports*, 26(12), 3231.

López-Hidalgo M, et al. (2016) Spatial organization of astrocytes in ferret visual cortex. *The Journal of comparative neurology*, 524(17), 3561.

Ambrosi C, et al. (2016) Connexin43 Forms Supramolecular Complexes through Non-Overlapping Binding Sites for Drebrin, Tubulin, and ZO-1. *PLoS one*, 11(6), e0157073.