

# Resource Summary Report

Generated by [RRID](#) on Aug 3, 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](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.