

Connexin 43 antibody

Cat. No. GTX133022

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse

References (1)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW 43 kDa. ([Note](#))

Properties

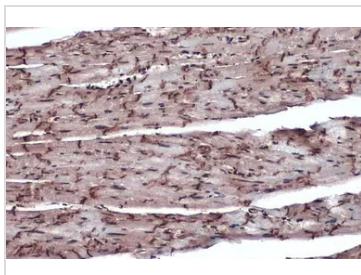
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.65 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Intracellular domain of human Connexin 43. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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Date 2026 / 01 / 10 Page 1 of 2

DATA IMAGES

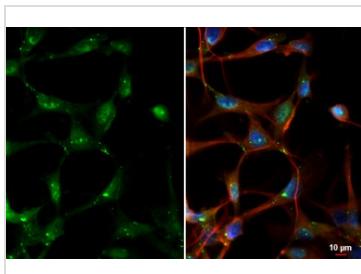
**GTX133022 IHC-P Image**

Connexin 43 antibody detects Connexin 43 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mouse heart.

Connexin 43 stained by Connexin 43 antibody (GTX133022) diluted at 1:1000.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX133022 ICC/IF Image**

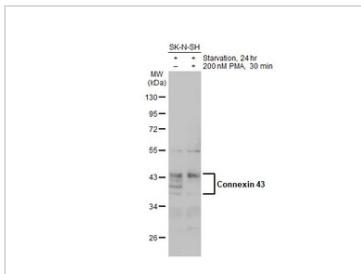
Connexin 43 antibody detects Connexin 43 protein by immunofluorescent analysis.

Sample: U87-MG cells were fixed in ice-cold MeOH for 5 min.

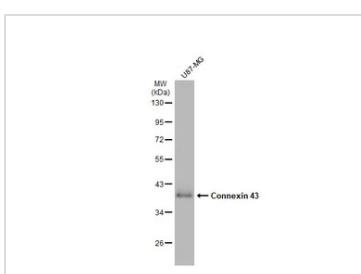
Green: Connexin 43 stained by Connexin 43 antibody (GTX133022) diluted at 1:500.

Red: phalloidin, a cytoskeleton marker diluted at 1:200.

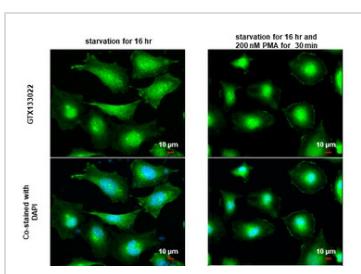
Blue: Hoechst 33342 staining.

**GTX133022 WB Image**

Untreated (-) and treated (+) SK-N-SH whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with Connexin 43 antibody (GTX133022) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX133022 WB Image**

Whole cell extract (30 μg) was separated by 10% SDS-PAGE, and the membrane was blotted with Connexin 43 antibody (GTX133022) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX133022 ICC/IF Image**

Connexin 43 antibody detects Connexin 43 protein at cell membrane by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Connexin 43 stained by Connexin 43 antibody (GTX133022) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

Scale bar= 10 μm.



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Date 2026 / 01 / 10 Page 2 of 2