

Connexin 43 antibody

Cat. No. GTX133022

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

Reference (1)
Package
100 µl, 25 µl

APPLICATION

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

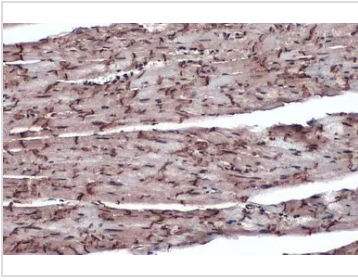
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	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

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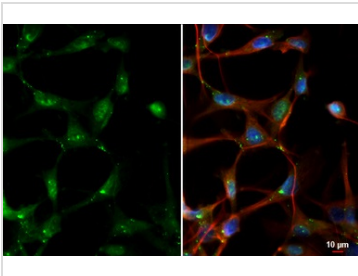
DATA IMAGES

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

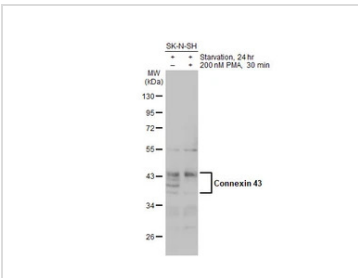
Connexin 43 antibody detects Connexin 43 protein by immunofluorescent analysis.

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

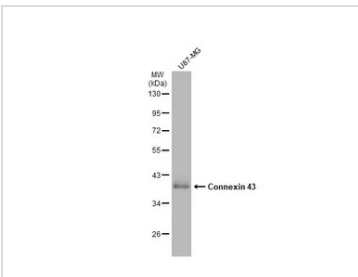
Green: Connexin 43 stained by Connexin 43 antibody (GTX133022) diluted at 1:500.

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

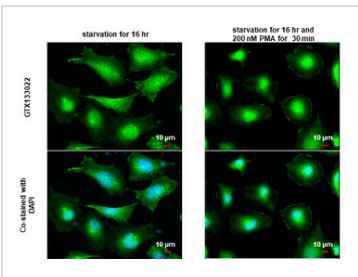
Blue: Hoechst 33342 staining.


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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