

Connexin 43 antibody

Cat. No. GTX11370

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

Package
100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:8,000
ICC/IF	1:400
IHC-P	1:2,000
IHC-Fr	1:2,000

Not tested in other applications.

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

Product Note Anti-Connexin 43 reacts specifically with connexin 43. By immunoblotting, the antibody detects a single band or 2-3 bands at 43 kDa region. Staining of connexin 43 band(s) by immunoblotting is specifically inhibited with the connexin 43 peptide (amino acid residues 363-382). Reactivity has been observed with human, bovine, rat, mouse, hamster and chicken connexin 43.

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	15mM Sodium azide
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	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	synthetic peptide corresponding to the C-terminal segment of the cytoplasmic domain (amino acids 363-382 with N-terminally added lysine) of human/rat connexin-43.
Purification	Purified by affinity chromatography
Conjugation	Unconjugated



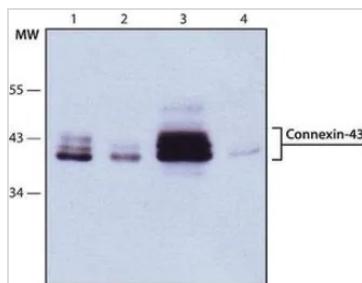
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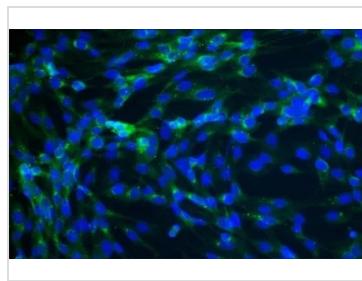
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Note

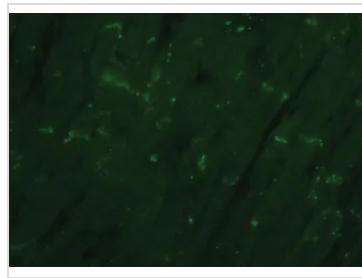
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DATA IMAGES**GTX11370 WB Image**

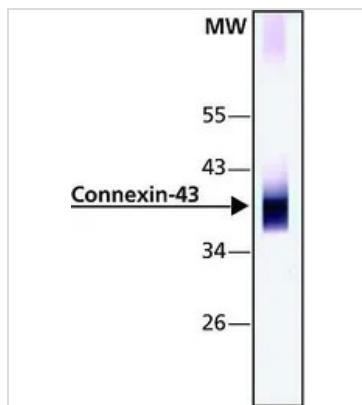
WB analysis of (1) HEK-293 (2) P19 (3) Rat2 (4) MDCK cells using GTX11370 Connexin 43 antibody at 1:2000.

**GTX11370 ICC/IF Image**

ICC/IF analysis of BHK cells using GTX11370 Connexin 43 antibody at 1:400 (green) with DAPI (blue). Cells were fixed and permeabilized with methanol followed by methanol:acetone.

**GTX11370 IHC-P Image**

IHC-P analysis of human heart tissue using GTX11370 Connexin 43 antibody at 1:2000.

**GTX11370 WB Image**

WB analysis of mouse brain extract using GTX11370 Connexin 43 antibody at 1:8000.



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