

# Connexin-43 antibody



Catalog Number: 109453

## Product name

Connexin-43 antibody

WB: 1:500-1:5000

IP: 1:200-1:2000

## Specificity

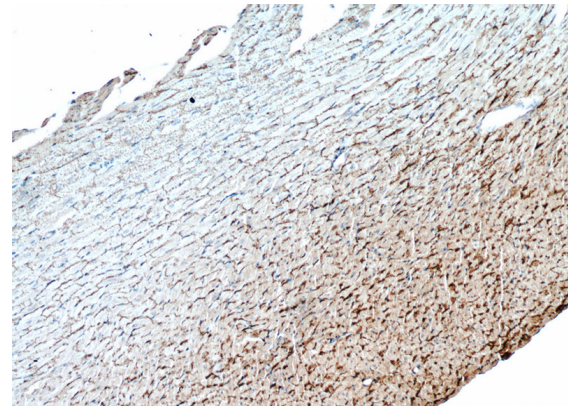
Human, Mouse, Rat; other species not tested.

IHC: 1:20-1:200

## Antibody description

Connexin-43 Rabbit Polyclonal antibody. Positive IHC detected in mouse heart tissue, human heart tissue. Positive FC detected in Jurkat cells. Positive WB detected in HeLa cells, Jurkat cells, K-562 cells. Positive IP detected in mouse heart tissue. Observed molecular weight by Western-blot: 47kd

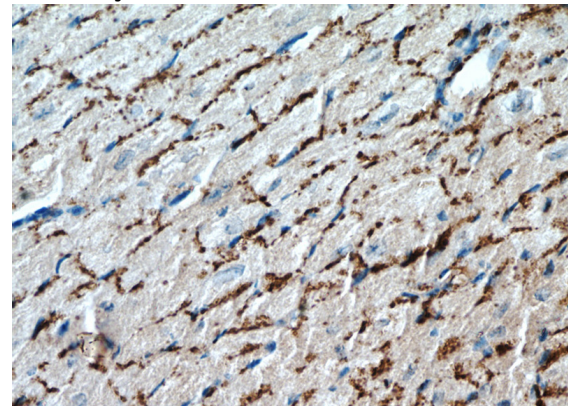
## Validations



## Preparation

This antibody was obtained by immunization of Connexin-43 recombinant protein (Accession Number: NM\_000165). Purification method: Antigen affinity purified.

Immunohistochemical of paraffin-embedded mouse heart using Catalog No:109453(GJA1 antibody) at dilution of 1:50 (under 10x lens)



## Formulation

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

## Storage

Store at -20°C. DO NOT ALIQUOT

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

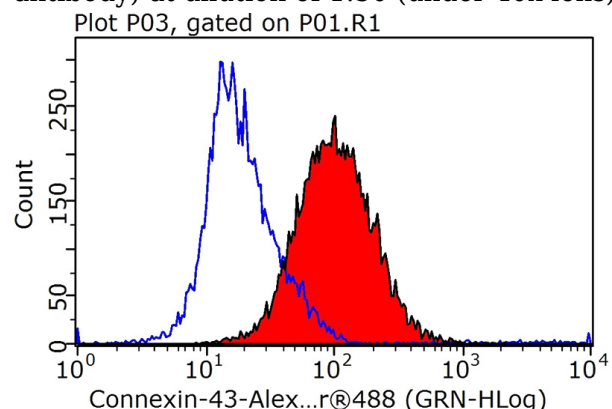
## Applications

ELISA, WB, IHC, FC, IP

## Dilutions

Recommended Dilution:

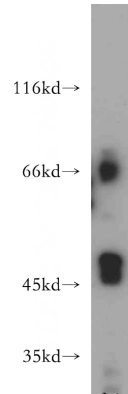
Immunohistochemical of paraffin-embedded mouse heart using Catalog No:109453(GJA1 antibody) at dilution of 1:50 (under 40x lens)



# Connexin-43 antibody

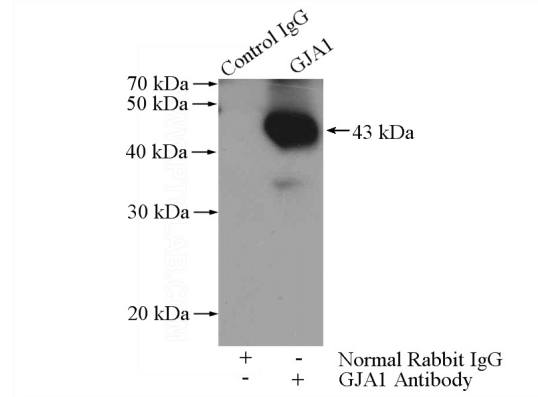
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1X10<sup>6</sup> Jurkat cells were stained with 0.5ug Connexin 43 antibody (Catalog No:109453, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit



IgG(H+L) with dilution 1:1000.

HeLa cells were subjected to SDS PAGE followed by western blot with Catalog No:109453(GJA1 antibody) at dilution of 1:500



IP Result of anti-Connexin 43 (IP:Catalog No:109453, 4ug; Detection:Catalog No:109453 1:500) with mouse heart tissue lysate 3200ug.