

# Product Datasheet

## Connexin 43/GJA1 Antibody

### NBP2-89140

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 5/28/2024 v.20.1

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**NBP2-89140****Connexin 43/GJA1 Antibody**

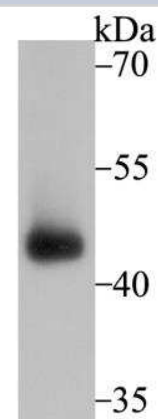
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	1 x TBS (pH7.4), 0.5% BSA, 50% Glycerol.
Target Molecular Weight	43 kDa

Product Description	
Host	Rabbit
Gene ID	2697
Gene Symbol	GJA1
Species	Human, Mouse
Immunogen	Synthetic peptide within C-terminal human Connexin 43/GJA1. (SwissProt: P17302 Human;SwissProt: P23242 Mouse)

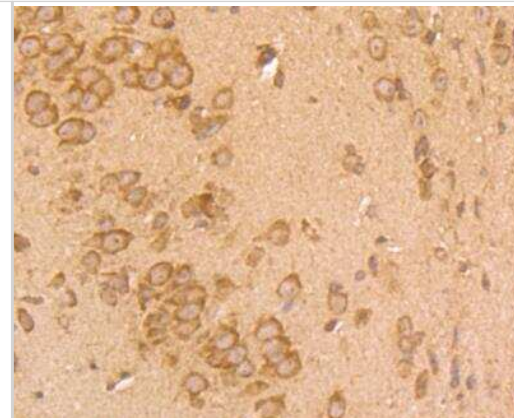
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:200, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

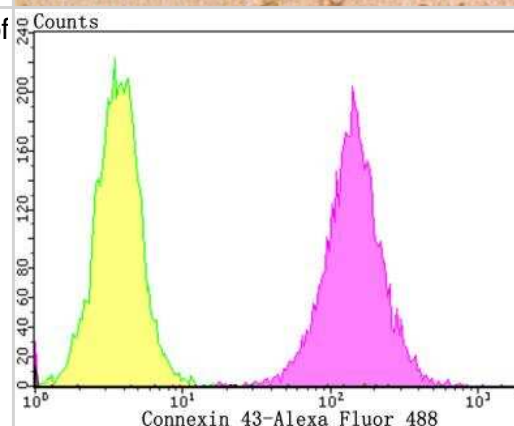
Western Blot: Connexin 43/GJA1 Antibody [NBP2-89140] - Analysis of Connexin 43 on mouse testis tissue lysate using anti-Connexin 43 antibody at 1/2,000 dilution.



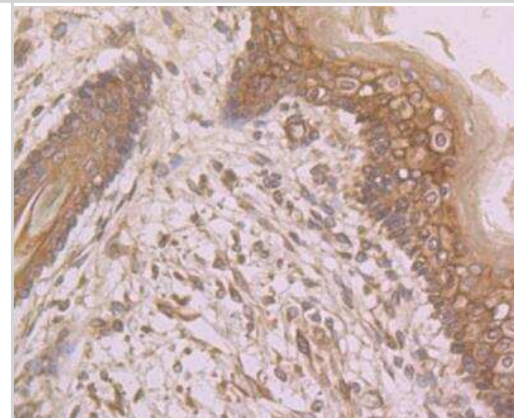
**Immunohistochemistry-Paraffin: Connexin 43/GJA1 Antibody [NBP2-89140]** - Analysis of paraffin-embedded mouse brain tissue using anti-Connexin 43 antibody. Counter stained with hematoxylin.



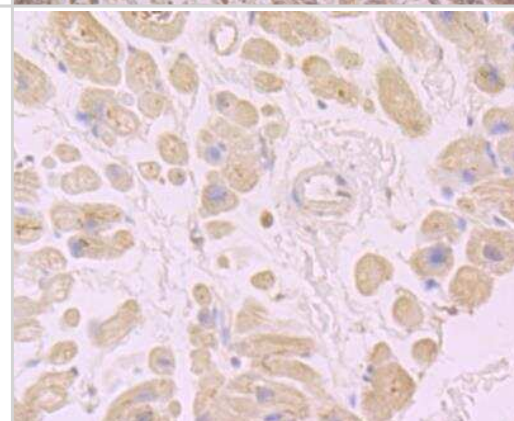
**Flow Cytometry: Connexin 43/GJA1 Antibody [NBP2-89140]** - Analysis of SH-SY-5Y cells with Connexin 43 antibody at 1/50 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



**Immunohistochemistry-Paraffin: Connexin 43/GJA1 Antibody [NBP2-89140]** - Analysis of paraffin-embedded human skin tissue using anti-Connexin 43 antibody. Counter stained with hematoxylin.



**Immunohistochemistry-Paraffin: Connexin 43/GJA1 Antibody [NBP2-89140]** - Analysis of paraffin-embedded human heart tissue using anti-Connexin 43 antibody. Counter stained with hematoxylin.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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