

# Product Datasheet

## Connexin 45/GJC1 Antibody (5B9.2) - BSA Free NBP2-29754

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-29754**

Connexin 45/GJC1 Antibody (5B9.2) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5B9.2
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	20mM Phosphate (pH 7.6) and 0.25M NaCl
<b>Target Molecular Weight</b>	46 kDa

**Product Description**

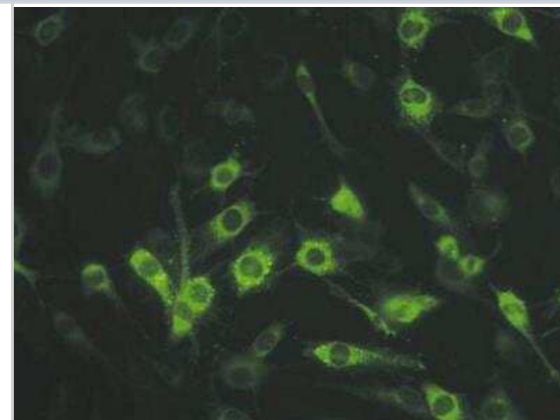
<b>Description</b>	Novus Biologicals Mouse Connexin 45/GJC1 Antibody (5B9.2) - BSA Free (NBP2-29754) is a monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	10052
<b>Gene Symbol</b>	GJC1
<b>Species</b>	Human, Rat, Rabbit
<b>Reactivity Notes</b>	Due to sequence homologies, this antibody is also expected to react with canine (100% homology) and mouse (92% homology) Connexin 45. Also confirmed to work on rat C6 cells. Others not tested.
<b>Immunogen</b>	The peptide sequence used for the immunogen was H-Gln-Ala-Tyr-Ser-His-Gln-Asn-Asn-Pro-His-Gly-Pro-Arg-Glu-Cys-OH conjugated to KLH, corresponding to amino acids 354-377 of human connexin 45.

**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
<b>Application Notes</b>	Immunoblotting (~46 kDa)

**Images**

Immunocytochemistry/Immunofluorescence: Connexin 45/GJC1 Antibody (5B9.2) - BSA Free [NBP2-29754] - Mouse anti-Connexin 45 staining of Cx45 transfected rat C6 cells.





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### **Products Related to NBP2-29754**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
MAB25031	CFTR Antibody (24-1) [Unconjugated] - C-terminus

### **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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