

## ARG64150 anti-GJB2 / Connexin 26 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes GJB2 / Connexin 26
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Dog
Tested Application	FACS, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GJB2 / Connexin 26
Species	Human
Immunogen	YLLIRYCSGKSKKP
Conjugation	Un-conjugated
Alternate Names	DFNB1; DFNA3; DFNA3A; PPK; Cx26; CX26; DFNB1A; HID; Gap junction beta-2 protein; NSRD1; Connexin-26; KID

### Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	WB	0.01 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Background

This gene encodes a member of the gap junction protein family. The gap junctions were first characterized by electron microscopy as regionally specialized structures on plasma membranes of contacting adherent cells. These structures were shown to consist of cell-to-cell channels that facilitate the transfer of ions and small molecules between cells. The gap junction proteins, also known as connexins, purified from fractions of enriched gap junctions from different tissues differ. According to sequence similarities at the nucleotide and amino acid levels, the gap junction proteins are divided into two categories, alpha and beta. Mutations in this gene are responsible for as much as 50% of pre-lingual, recessive deafness. [provided by RefSeq, Oct 2008]

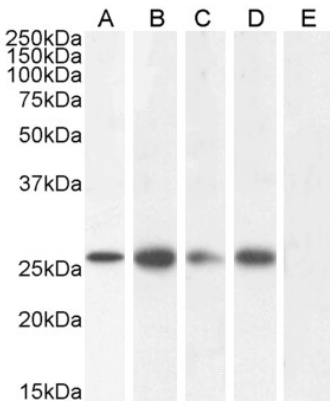
Research Area

Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

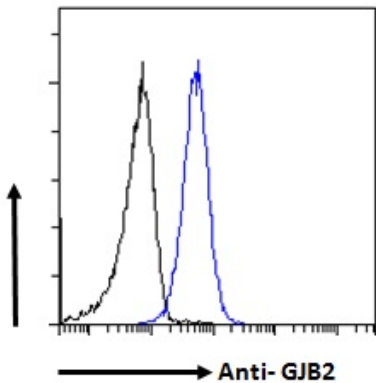
26 kDa

Images



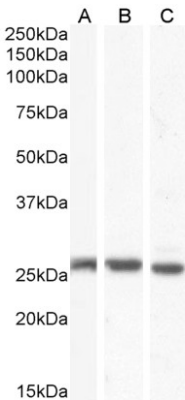
ARG64150 anti-GJB2 / Connexin 26 antibody WB image

Western blot: 35 µg of Human colon (A), heart (B), prostate (C), skin (D) and adipose (E, negative control) lysates (in RIPA buffer) stained with ARG64150 anti-GJB2 / Connexin 26 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.



ARG64150 anti-GJB2 / Connexin 26 antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed HepG2 cells permeabilized with 0.5% Triton. Cells were stained with ARG64150 anti-GJB2 / Connexin 26 antibody (blue line) at 10 µg/ml dilution for 1 hour, followed by incubation with Alexa FluorR 488 labelled secondary antibody. IgG control: Unimmunized goat IgG (black line).



ARG64150 anti-GJB2 / Connexin 26 antibody WB image

Western blot: 35 µg of Mouse brain (A), Mouse heart (B) and Rat heart (C) lysates (in RIPA buffer) stained with ARG64150 anti-GJB2 / Connexin 26 antibody at 0.01 µg/ml (A) and 0.5 µg/ml (B, C) dilutions and incubated at RT for 1 hour.