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## Datasheet for ABIN1898541 **anti-GJC2 antibody (C-Term)**

### Overview

Quantity:	100 µg
Target:	GJC2
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GJC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

### Product Details

Immunogen:	Synthetic peptide derived from the C-terminal region of the mouse Connexin 47 protein.  Type of Immunogen: Synthetic peptide
Isotype:	IgG1 kappa
Specificity:	Reacts with the mouse Connexin 47 protein. On Western blots of mouse thalamus homogenates and Connexin 47-transfected HeLa cells, it identified a band at ~47kD. Reactivity was confirmed in Western blots with mouse thalamus lysates. Mouse Connexin 47-transfected HeLa cells were used in both Immunoprecipitation and Western blot assays. This antibody was also used in immunofluorescence assays using paraformaldehyde-fixed mouse brain. The expected staining pattern is punctate labeling of the oligodendrocytes in the brain.
Purification:	Protein A purified

## Target Details

Target:	GJC2
Alternative Name:	GJA12 / CX47 / Connexin 47 ( <a href="#">GJC2 Products</a> )
Background:	Name/Gene ID: GJC2 Subfamily: Connexin Family: Ion Channel  Synonyms: GJC2, Cx47, Connexin-46.6, Connexin-47, CX46.6, Gap junction protein alpha 12, GJA12, Gap junction gamma-2 protein, LMPH1C, Gap junction alpha-12 protein, HLD2, PMLDAR, SPG44
Gene ID:	57165
UniProt:	<a href="#">Q5T442</a>

## Application Details

Application Notes:	Approved: IF (1 - 3 µg/mL), IP (5 - 10 µg/mL), WB (1 - 3 µg/mL)  Usage: Suitable for use in Immunofluorescence, Western Blot, Immunoprecipitation. Immunofluorescence: 1-3 µg/mL. Western Blot: 1-3 µg/mL. Immunoprecipitation: 5-10 µg/mL.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C Long term: Add glycerol (40-50%) -20°C.