

## Product Datasheet

## Anti-Pannexin-2 Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-212-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG2a
<b>Clone Number</b>	N121A/1
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC, IHC
<b>Species Reactivity</b>	Rat
<b>Immunogen</b>	Fusion protein amino acids 11-664 (all but first 10 amino acids, encompassing extracellular and cytoplasmic domains) of rat Pannexin-2 (accession number P60571) produced recombinantly in E. Coli
<b>Molecular Weight</b>	70 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-212-FL594, RRID: AB_2939786

## Details

<b>Target Description</b>	Pannexin 2 is encoded by the gene PANX2. PANX2 is a member of the pannexin family. PANX2 combines with pannexin 1 to form cell type-specific gap junctions with distinct properties. PANX2 is expressed in the eye, thyroid, prostate, kidney, liver, and central nervous system. Diseases associated with PANX2 include Oculodentodigital Dysplasia and Chronic Closed-Angle Glaucoma.
<b>Specificity</b>	Does not cross-react with Pannexin-1 or Pannexin-3
<b>Purification Method</b>	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
<b>Quality Control Tests</b>	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
<b>Storage</b>	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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