

Product Datasheet

Anti-Pannexin-2 Antibody FL594 Conjugate



Overview

Catalog #	75-212-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG2a
Clone Number	N121A/1
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Rat
Immunogen	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
Molecular Weight	70 kDa
Cite this Antibody	Antibodies Inc Cat# 75-212-FL594, RRID: AB_2939786

Details

Target Description	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.
Specificity	Does not cross-react with Pannexin-1 or Pannexin-3
Purification Method	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.
Quality Control Tests	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.
Storage	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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