

## Product Datasheet

## Anti-Gamma-Protocadherin-C3 Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-237-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N174B/27
<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
<b>Species Reactivity</b>	Mouse
<b>Immunogen</b>	Fusion protein amino acids 720-804 (variable cytoplasmic domain) of mouse Gamma-protocadherin-C3 (accession number Q91XX1) produced recombinantly in E. Coli
<b>Molecular Weight</b>	100 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-237-FL490, RRID: AB_2939860

## Details

<b>Target Description</b>	Protocadherin Gamma Subfamily C, 3 is encoded by the gene PCDHGC3. PCDHGC3 is a member of the protocadherin gamma gene cluster. PCDHGC3 is a neural cadherin-like cell adhesion protein that most likely plays a critical role in the establishment and function of specific cell-cell connections in the brain. PCDHGC3 is expressed in the nervous system, liver, and skin. Diseases associated with PCDHGC3 include Corneal Dystrophy, Endothelial, X-Linked and Brachydactyly, Type A3.
<b>Specificity</b>	No cross-reactivity against other Gamma-protocadherin-A, -B or -C proteins
<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 on cells overexpressing target protein and confirmed to give the expected staining pattern.

**Storage**

Aliquot and store at  $\leq -20^{\circ}\text{C}$  for long term storage. For short term storage, store at  $2-8^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the vial prior to removing the cap.

**Our Guarantee**

---

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

**Note:** For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, viewable on our website.