

## Product Datasheet

## Anti-Pan-Gamma-Protocadherin-Constant Antibody FL650 Conjugate



## Overview

<b>Catalog #</b>	75-185-FL650
<b>Conjugate</b>	FL650 Ex: 655 nm, Em: 676 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N159/5
<b>Size</b>	200 $\mu$ L
<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>	Mouse
<b>Immunogen</b>	Fusion protein corresponding to amino acids 808-931 (C-terminal cytoplasmic constant domain) of mouse Gamma-protocadherin-A1 that is shared by all 22 Gamma-protocadherins (A subfamily amino acids ~807-930, B subfamily amino acids ~789-912 and C subfamily
<b>Molecular Weight</b>	100 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-185-FL650, RRID: AB_2939687

## Details

<b>Target Description</b>	Gamma-protocadherins belong to a superfamily of homophilic cell-adhesion proteins. These cell adhesion proteins are thought to be involved in establishing and function of cell-cell connections in brain. These proteins are widely expressed in the nervous system and brain.
<b>Specificity</b>	Cross-reacts with all Gamma protocadherin-A, -B and -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 by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
<b>Storage</b>	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.

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