

Product Datasheet

Anti-Gamma-Protocadherin-C4 Antibody FL650 Conjugate



Overview

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| Catalog # | 75-231-FL650 |
| Conjugate | FL650 Ex: 655 nm, Em: 676 nm |
| Isotype | IgG1 |
| Clone Number | N193A/13 |
| Size | 200 μ L |
| Concentration | 0.5 mg/mL |
| Host Species | Mouse Monoclonal |
| Format | Purified by Protein A chromatography |
| Buffer | PBS with 0.09% azide |
| Applications | ICC |
| Species Reactivity | Mouse |
| Immunogen | Fusion protein amino acids 720-804 (variable cytoplasmic domain) of mouse Gamma-protocadherin-C4 (accession number Q91XX0) produced recombinantly in E. Coli |
| Molecular Weight | 100 kDa |
| Cite this Antibody | Antibodies Inc Cat# 75-231-FL650, RRID: AB_2939843 |

Details

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| Target Description | Protocadherin Gamma Subfamily C, 4 is encoded by the gene PCDHGC4. PCDHGC4 is a member of the protocadherin gamma gene cluster. PCDHGC4 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. PCDHGC4 is expressed in the nervous system, skin, and eye. No diseases were found to be associated with PCDHGC4. |
| Specificity | No cross-reactivity against other Gamma-protocadherin-A, -B or -C proteins |
| 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 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. |

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