

Product Datasheet

Anti-GluN3A/NR3A Antibody FL550 Conjugate



Overview

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| Catalog # | 75-416-FL550 |
| Conjugate | FL550 Ex: 550 nm, Em: 575 nm |
| Isotype | IgG2a |
| Clone Number | N416/40 |
| 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 | Mouse and Rat |
| Immunogen | Fusion protein amino acids 58-87 or 152-176 (extracellular N-terminus) of mouse GluN3A (accession number A2AIR5) produced recombinantly in E. Coli |
| Molecular Weight | 110 kDa |
| Cite this Antibody | Antibodies Inc Cat# 75-416-FL550, RRID: AB_2940381 |

Details

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| Target Description | Glutamate receptor ionotropic, NMDA3A, N-Methyl-D-Aspartate Receptor Subtype 3A or GluN3A is encoded by the gene GRIN3A. GluN3A is a subunit of the N-methyl-D-aspartate (NMDA) receptor, which is a subtype of channel forming ionotropic glutamate receptor which is permeable to cations including calcium, potassium and sodium. GluN3a is expressed in the CNS especially in development and appears to play a role in delaying synapse maturation. Diseases associated with GRIN3A include Macroductyly |
| Specificity | No cross-reactivity reported |
| 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.

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.

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