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## **Product Datasheet**

# Anti-GluN3A/NR3A Antibody FL490 Conjugate



### Overview

encoded by the gene GRIN3A. GluN3A is a subunit of the N-methyl-D-aspartate (NMDA) recept which is a subtype of channel forming ionotropic glutamate receptor which is permeable to cat including calcium, potassium and sodium. GluN3a is expressed in the CNS especially in		
IsotypeIgG2aClone NumberN416/40Size200 μLConcentration0.5 mg/mLHost SpeciesMouse MonoclonalFormatPurified by Protein A chromatographyBufferPBS with 0.09% azideApplicationsICC, IHCSpecies ReactivityMouse and RatImmunogenFusion protein amino acids 58-87 or 152-176 (extracellular N-terminus) of mouse GluN3A (accession number A2AIR5) produced recombinantly in E. ColiMolecular Weight110 kDaCite this AntibodyAntibodies Inc Cat# 75-416-FL490, RRID: AB_2940380DetailsClutamate receptor ionotropic, NMDA3A, N-Methyl-D-Aspartate Receptor Subtype 3A or GluX: encoded by the gne GRIN3A. GluN3A is a suburit of the N-methyl-D-aspartate (NMDA) recept which is a subtype of channel forming ionotropic glutamate receptor which is permetable to cat 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 w GRIN3A include MacrodactylySpecificityNo cross-reactivity reportedPurification MethodProduced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAbs. Purified mAbs are >90% specific antibody.Quality Control TestsEach new lot of antibody is quality control tested on cells overexpressing target protein and	Catalog #	75-416-FL490
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Size200 µLConcentration0.5 mg/mLHost SpeciesMouse MonoclonalFormatPurified by Protein A chromatographyBufferPBS with 0.09% azideApplicationsICC, IHCSpecies ReactivityMouse and RatImmunogenFusion protein amino acids 58-87 or 152-176 (extracellular N-terminus) of mouse GluN3A (accession number A2AIRS) produced recombinantly in E. ColiMolecular Weight110 kDaCite this AntibodyAntibodies Inc Cat# 75-416-FL490, RRID: AB_2940380DetailsTarget DescriptionGlutamate receptor ionotropic, NMDA3A, N-Methyl-D-Aspartate Receptor Subtype 3A or GluN3A encoded by the gene GRIN3A. GluN3A is a subunit of the N-methyl-D-aspartate (NMDA) recept which is a subtype of channel forming ionotropic glutamate receptor which is permeable to cat 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 work of RIN3A include MacrodactylySpecificityNo cross-reactivity reportedPurification MethodProduced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAbs are >90% specific antibody.Quality Control TestsEach new lot of antibody is quality control tested on cells overexpressing target protein and	Isotype	IgG2a
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	Purification Method	
	Quality Control Tests	

### Storage

Aliquot and store at  $\leq$  -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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