

# Anti-GluN1/NR1 Glutamate Receptor Recombinant Chicken Chimeric mAb FL490 Conjugate



## Product Details

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| Available Variants | 200 µL (SKU:78-272-FL490)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate          | 490                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isotype            | IgY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Clone              | N308/48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Name          | Grin1 Nmdar1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Host Species       | Chicken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration      | Lot dependent: provided at 0.3-0.5 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Format             | Purified by affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Physical State     | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer             | 1X PBS, 0.05% Sodium Azide pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Production Notes   | This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N308/48 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N308/48 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media and conjugated. |
| Applications       | ICC, IHC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dilution Ranges    | IHC: 1:500-1:1000<br>ICC: 1:250-1:500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen          | Fusion protein amino acids 42-361 (extracellular N-terminus) of rat NR1 (accession number P35439) produced recombinantly in E. Coli                                                                                                                                                                                                                                                                                                                                                                                                       |

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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specificity       | No cross-reactivity reported                                                                                                                                                                                    |
| Molecular Weight  | 105 kDa                                                                                                                                                                                                         |
| Quality Control   | Each new lot of antibody is quality control tested by Western blot on rat brain membrane fraction and confirmed to stain the expected molecular weight band.                                                    |
| 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. |
| UniProt ID        | <u>P35439-2</u>                                                                                                                                                                                                 |
| Country of Origin | United States                                                                                                                                                                                                   |
| Shipping          | Shipped on ice packs                                                                                                                                                                                            |
| Expiration        | 24 months from date of receipt                                                                                                                                                                                  |
| Usage Statement   | These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.                                                                            |

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### Product Images



Anti-GluN1/NR1 Glutamate Receptor Recombinant Chicken Chimeric mAb FL490 Conjugate

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Product Page URL: [www.antibodiesinc.com/products/anti-gln1-nr1-glutamate-receptor-recombinant-antibody-n308-48-78-272-fl490](http://www.antibodiesinc.com/products/anti-gln1-nr1-glutamate-receptor-recombinant-antibody-n308-48-78-272-fl490)

