

# Anti-Cav alpha2 delta2 Recombinant Chicken Chimeric mAb FL490 Conjugate



## Product Details

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| Available Variants | 200 µL (SKU:78-530-FL490)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Conjugate          | 490                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype            | IgY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clone              | N492/39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Name          | Cacna2d2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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   | <p>This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N492/39 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N492/39 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.</p> |
| Applications       | ICC, IHC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen          | <p>Recombinant protein amino acids 61-197 (extracellular domain) of mouse Cav alpha2 delta2 (also known as voltage-dependent R-type calcium channel subunit alpha-2/delta-2, Cacna2d2, accession number Q6PHS9) produced recombinantly in E.Coli.</p>                                                                                                                                                                                                                                                                                            |

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| <b>Specificity</b>       | No cross-reactivity reported                                                                                                                                                                                    |
| <b>Molecular Weight</b>  | 130 kDa                                                                                                                                                                                                         |
| <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. |
| <b>Country of Origin</b> | United States                                                                                                                                                                                                   |
| <b>Shipping</b>          | Shipped on ice packs                                                                                                                                                                                            |
| <b>Expiration</b>        | 24 months from date of receipt                                                                                                                                                                                  |
| <b>Usage Statement</b>   | 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-Cav alpha2 delta2 Recombinant Chicken Chimeric mAb  
FL490 Conjugate

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**Product Page URL:** [www.antibodiesinc.com/products/anti-cav-alpha2-delta2-recombinant-antibody-n492-39-78-530-fl490](http://www.antibodiesinc.com/products/anti-cav-alpha2-delta2-recombinant-antibody-n492-39-78-530-fl490)



Created on 09. September 2026 | All information without guarantee