

Product Datasheet

Anti-CASPR/Neurexin IV Antibody FL490 Conjugate



Overview

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| Catalog # | 75-001-FL490 |
| Conjugate | FL490 Ex: 491 nm, Em: 515 nm |
| Isotype | IgG1 |
| Clone Number | K65/35 |
| 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 | Gerbil, Human, Mouse, and Rat |
| Immunogen | Fusion protein 1308-1381 (cytoplasmic domain) of rat Caspr (accession number P97846) produced recombinantly in E. Coli |
| Molecular Weight | 220 kDa |
| Cite this Antibody | Antibodies Inc Cat# 75-001-FL490, RRID: AB_2939064 |

Details

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| Target Description | CASPR (Neurexin IV) is part of the neurexin family, which includes presynaptic proteins located in the presynaptic membrane of the brain. |
| 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 by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band. |
| Storage | Aliquot and store at ≤ -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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