

## Anti-Shank1 Antibody FL490 Conjugate



### Product Details

|                    |                                                                                                                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 200 µL (SKU:75-064-FL490)                                                                                                                                                                     |
| Conjugate          | FL490 Ex: 491 nm, Em: 515 nm                                                                                                                                                                  |
| Isotype            | IgG1                                                                                                                                                                                          |
| Clone              | N22/21                                                                                                                                                                                        |
| Gene Name          | Shank1                                                                                                                                                                                        |
| Host Species       | Mouse                                                                                                                                                                                         |
| Concentration      | Lot dependent: provided at 0.3-0.5 mg/mL                                                                                                                                                      |
| Format             | Purified by Protein A chromatography                                                                                                                                                          |
| Physical State     | Liquid                                                                                                                                                                                        |
| Buffer             | PBS with 0.09% azide                                                                                                                                                                          |
| Production Notes   | 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.            |
| Applications       | ICC, IHC                                                                                                                                                                                      |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                                                             |
| Immunogen          | Fusion protein amino acids 469-691 (SH3/PDZ domains) of rat Shank1 (accession number Q9WV48) produced recombinantly in E. Coli                                                                |
| Specificity        | No cross-reactivity against Shank2 or Shank3                                                                                                                                                  |
| Molecular Weight   | 190-220 kDa (alternative splice variants)                                                                                                                                                     |
| Quality Control    | 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 $\leq -20^{\circ}\text{C}$ 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.

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|----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Antibody Registry ID | AB_2939268                                                                                                                           |
| UniProt ID           | <u><a href="#">Q9WV48</a></u>                                                                                                        |
| Country of Origin    | United States                                                                                                                        |
| Shipping             | Shipped on ice packs                                                                                                                 |
| Expiration           | 12 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-Shank1 Antibody FL490 Conjugate

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Product Page URL: [www.antibodiesinc.com/products/anti-shank1-antibody-n22-21-75-064-fl490](http://www.antibodiesinc.com/products/anti-shank1-antibody-n22-21-75-064-fl490)



Created on 10. September 2026 | All information without guarantee