

# Anti-Cav3.2 Ca<sup>2+</sup> Channel Antibody FL550 Conjugate



## Product Details

|                    |                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 200 µL (SKU:75-095-FL550)                                                                                                                                                                                                      |
| Conjugate          | FL550 Ex: 550 nm, Em: 575 nm                                                                                                                                                                                                   |
| Isotype            | IgG1                                                                                                                                                                                                                           |
| Clone              | N55/10                                                                                                                                                                                                                         |
| Gene Name          | CACNA1H                                                                                                                                                                                                                        |
| 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, Tree Shrew                                                                                                                                                                                                  |
| Immunogen          | Fusion protein amino acids 1019-1293 (cytoplasmic loop between repeat II and repeat III) of human Cav3.2 (accession number O95180), epitope mapped to amino acids 1179-1192 (AEDGRAAPGPRATP) produced recombinantly in E. Coli |
| Specificity        | Does not cross-react with Cav3.1                                                                                                                                                                                               |
| Molecular Weight   | 260 kDa                                                                                                                                                                                                                        |
| Quality Control    | Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.                                                                                 |

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|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>Antibody Registry ID</b> | AB_2939353                                                                                                                                                                                                      |
| <b>UniProt ID</b>           | <u><a href="#">O95180</a></u>                                                                                                                                                                                   |
| <b>Country of Origin</b>    | United States                                                                                                                                                                                                   |
| <b>Shipping</b>             | Shipped on ice packs                                                                                                                                                                                            |
| <b>Expiration</b>           | 12 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



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Product Page URL: [www.antibodiesinc.com/products/anti-cav3-2-ca2-channel-antibody-n55-10-75-095-fl550](http://www.antibodiesinc.com/products/anti-cav3-2-ca2-channel-antibody-n55-10-75-095-fl550)



Created on 10. September 2026 | All information without guarantee