

# Anti-Cavbeta2 Ca<sup>2+</sup> Channel Antibody FL550 Conjugate



## Product Details

|                    |                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 200 µL (SKU:75-065-FL550)                                                                                                                                                          |
| Conjugate          | FL550 Ex: 550 nm, Em: 575 nm                                                                                                                                                       |
| Isotype            | IgG1                                                                                                                                                                               |
| Clone              | N8B/1                                                                                                                                                                              |
| Gene Name          | Cacnb2 Cacnlb2                                                                                                                                                                     |
| 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          | Synthetic peptide amino acids 189-205 of rat Cav2 (RSPKPSANSVTSPHSKE; accession number A0A0G2JSZ0)                                                                                 |
| Specificity        | Does not cross-react with Cavβ1, Cavβ3, Cavβ4                                                                                                                                      |
| Molecular Weight   | 78 kDa                                                                                                                                                                             |
| 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 ≤ -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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|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antibody Registry ID</b> | AB_2939273                                                                                                                           |
| <b>UniProt ID</b>           | <u><a href="#">A0A0G2JSZ0</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



Anti-Cavbeta2 Ca<sup>2+</sup> Channel Antibody FL550 Conjugate

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**Product Page URL:** [www.antibodiesinc.com/products/anti-cavbeta2-ca2-channel-antibody-n8b-1-75-065-fl550](http://www.antibodiesinc.com/products/anti-cavbeta2-ca2-channel-antibody-n8b-1-75-065-fl550)



Created on 10. September 2026 | All information without guarantee