

# Anti-Kv3.4 K<sup>+</sup> Channel Antibody FL550 Conjugate



## Product Details

|                    |                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 200 µL (SKU:75-112-FL550)                                                                                                                                                          |
| Conjugate          | FL550 Ex: 550 nm, Em: 575 nm                                                                                                                                                       |
| Isotype            | IgG1                                                                                                                                                                               |
| Clone              | N72/16                                                                                                                                                                             |
| Gene Name          | Kcnc4                                                                                                                                                                              |
| 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 | C. elegans, Human, Mouse, Rat                                                                                                                                                      |
| Immunogen          | Synthetic peptide amino acids 175-192 (GDEAGDDERELALQRLGP) of rat Kv3.4 (accession number Q63734)                                                                                  |
| Specificity        | No cross-reactivity reported                                                                                                                                                       |
| Molecular Weight   | 70 kDa (100 kDa in brain due to glycosylation)                                                                                                                                     |
| 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.

**Antibody Registry ID** AB\_2939421

**UniProt ID** [Q63734](#)

**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.

---

## Product Images



Anti-Kv3.4 K+ Channel Antibody FL550 Conjugate

---

**Product Page URL:** [www.antibodiesinc.com/products/anti-kv3-4-k-channel-antibody-n72-16-75-112-fl550](http://www.antibodiesinc.com/products/anti-kv3-4-k-channel-antibody-n72-16-75-112-fl550)



Created on 12. September 2026 | All information without guarantee