

## Anti-Kv4.2 K<sup>+</sup> Channel Antibody FL594 Conjugate



### Product Details

|                    |                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 200 µL (SKU:75-016-FL594)                                                                                                                                                          |
| Conjugate          | FL594 Ex: 594 nm, Em: 615 nm                                                                                                                                                       |
| Isotype            | IgG1                                                                                                                                                                               |
| Clone              | K57/1                                                                                                                                                                              |
| Gene Name          | KCND2 KIAA1044                                                                                                                                                                     |
| 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 209 –225 (extracellular S1-S2 loop) of human Kv4.2 (CGSSPGHIKELPSGERY; accession number Q63881)                                                      |
| Specificity        | No cross reactivity against rat Kv4.3                                                                                                                                              |
| Molecular Weight   | 75-80 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.

|                             |                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antibody Registry ID</b> | AB_2939126                                                                                                                           |
| <b>UniProt ID</b>           | <u><a href="#">Q9NZV8</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. |

---

## Product Images



Anti-Kv4.2 K+ Channel Antibody FL594 Conjugate

---

**Product Page URL:** [www.antibodiesinc.com/products/anti-kv4-2-k-channel-antibody-k57-1-75-016-fl594](http://www.antibodiesinc.com/products/anti-kv4-2-k-channel-antibody-k57-1-75-016-fl594)



Created on 09. September 2026 | All information without guarantee