

# Anti-Kv2.1 Potassium Channel Subunit Antibody (BSA and Azide free)



## Product Details

|                    |                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:75-315-CF)                                                                                                                                                              |
| Conjugate          | Unconjugated                                                                                                                                                                        |
| Isotype            | IgG3                                                                                                                                                                                |
| Clone              | L80/21                                                                                                                                                                              |
| Gene Name          | Kcnb1                                                                                                                                                                               |
| Host Species       | Mouse                                                                                                                                                                               |
| Concentration      | Lot dependent: provided at 0.6-1.0 mg/mL                                                                                                                                            |
| Format             | Purified by Protein A chromatography                                                                                                                                                |
| Physical State     | Liquid                                                                                                                                                                              |
| Buffer             | PBS                                                                                                                                                                                 |
| Production Notes   | Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and buffer exchanged into 1X PBS. Purified mAbs are >90% specific antibody. |
| Applications       | ELISA, ICC, IHC, WB                                                                                                                                                                 |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                                                   |
| Immunogen          | Synthetic peptide amino acids 837-853 (HMLPGGGAHGSTRDQSI, cytoplasmic Cterminus) of rat Kv2.1 (accession number P15387)                                                             |
| Specificity        | No cross-reactivity reported                                                                                                                                                        |
| Molecular Weight   | 105-125 kDa (varies with cell background due to phosphorylation)                                                                                                                    |
| 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.                             |

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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>UniProt ID</b>        | <u><a href="#">P15387</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-kv2-1-potassium-channel-subunit-antibody-l80-21-75-315-cf](http://www.antibodiesinc.com/products/anti-kv2-1-potassium-channel-subunit-antibody-l80-21-75-315-cf)



Created on 10. September 2026 | All information without guarantee