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## Product Datasheet

### **Kir2.1 Antibody (Biotin), IgG1, Clone: [S112], Mouse, Recombinant BYT-ORB148331**

|                            |   |
|----------------------------|---|
| Article Name               | Kir2.1 Antibody (Biotin), IgG1, Clone: [S112], Mouse, Recombinant   |
| Biozol Catalog Number      | BYT-ORB148331   |
| Supplier Catalog Number    | orb148331   |
| Alternative Catalog Number | BYT-ORB148331-100   |
| Manufacturer               | Biorbyt   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | AM, ICC, IF, IHC, WB  |
| Species Reactivity         | Human, Monkey, Mouse, Rat   |
| Immunogen                  | Fusion protein amino acids 41-64 and 189-428 of mouse Kir2.1  |
| Conjugation                | Biotin  |
| Product Description        | Mouse monoclonal to Kir2 (Biotin). 1. Ion channels are integral membrane proteins that help establish and control the small voltage gradient across the plasma membrane of living cells by allowing the flow of ions down their electrochemical gradient. ... |
| Clonality                  | Recombinant   |
| Concentration              | 1 mg/ml   |
| Clone Designation          | [S112]  |
| Molecular Weight           | 45kDa   |

|                    |   |
|--------------------|---|
| Isotype            | IgG1  |
| NCBI               | <a href="#">032451</a>  |
| UniProt            | <a href="#">P35561</a>  |
| Buffer             | 136.36mM Ethanolamine, 133.23 mM Chlorides, 9.55mM Phosphates, 9.55mM Sodium Bicarbonate  |
| Target             | Kir2.1  |
| Application Dilute | WB (1:1000), IHC (1:1000), ICC/IF (1:100)   |
| Application Notes  | Application Notes: 1 µg/ml of SMC-310 was sufficient for detection of Kir2.1 in 10 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody |