www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

# Anti-REEP1 Antibody FL650 Conjugate

## Product Details

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|---|---|
| **Available Variants** | 200 µL (SKU:75-313-FL650) |
| **Conjugate** | FL650 Ex: 655 nm, Em: 676 nm |
| **Isotype** | IgG2b |
| **Clone** | N345/51 |
| **Gene Name** | Reep1 D6Ertd253e C2orf23 SPG31 |
| **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** | Mouse, Rat |
| **Immunogen** | Fusion protein amino acids 111-201 (KDRSYDALVHFGKRGLNVAATAAVMAASKGQGALSERLRSFSMQDLTTIRGD GAPAPSGPPPPGTGRSSGKHSQPKMSRSASESAGSSGTA, cytoplasmic C-terminus) of mouse REEP1 (accession number Q8BGH4) produced recombinantly in E. Coli |
| **Specificity** | Does not cross-react with REEP2 |
| **Molecular Weight** | 22 kDa |

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| **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_2940095 |
| **UniProt ID** | Q8BGH4<br>UniProt Summary: Required for endoplasmic reticulum (ER) network formation, shaping and remodeling; it links ER tubules to the cytoskeleton. May also enhance the cell surface expression of odorant receptors. |
| **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. |
| **NCBI Gene ID** | 52250 |

## Product Images




Anti-REEP1 Antibody FL650 Conjugate