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

PRODUCT DATASHEET

# Anti-TARPGamma2/4/8 Antibody FL650 Conjugate

## Product Details

| | |
|---|---|
| **Available Variants** | 200 µL (SKU:75-252-FL650) |
| **Conjugate** | FL650 Ex: 655 nm, Em: 676 nm |
| **Isotype** | IgG2a |
| **Clone** | N245/36 |
| **Gene Name** | Cacng2 Stg Cacng4 Cacng8 |
| **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 |
| **Species Reactivity** | Mouse, Rat |
| **Immunogen** | Fusion protein amino acids 203-323 (cytoplasmic C-terminus) of rat TARPGamma2 (accession number Q71RJ2) produced recombinantly in E. Coli |
| **Specificity** | Cross-react with TARPGamma4 and TARPGamma8Does not cross-react with TARPGamma3 |
| **Molecular Weight** | 36 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. |
| **Antibody Registry ID** | AB_2939919 |
| **UniProt ID** | Q71RJ2<br>UniProt Summary: Regulates the trafficking and gating properties of AMPA-selective glutamate receptors (AMPARs). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by slowing their rates of activation, deactivation and desensitization. Does not show subunit-specific AMPA receptor regulation and regulates all AMPAR subunits. Thought to stabilize the calcium channel in an inactivated (closed) state. |
| **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** | 84347 |

## Product Images




Anti-TARPGamma2/4/8 Antibody FL650 Conjugate