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

PRODUCT DATASHEET

# Anti-GRK6A/B Antibody FL490 Conjugate

## Product Details

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|---|---|
| **Available Variants** | 200 µL (SKU:75-176-FL490) |
| **Conjugate** | FL490 Ex: 491 nm, Em: 515 nm |
| **Isotype** | IgG1 |
| **Clone** | N142/28 |
| **Gene Name** | Grk6 Gprk6 |
| **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 |
| **Immunogen** | Fusion protein amino acids 371-576 (C-terminus) of mouse GRK6A (accession number O70293) produced recombinantly in E. Coli |
| **Specificity** | Cross-reacts with GRK6B |
| **Molecular Weight** | 65 kDa |
| **Quality Control** | Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern. |
| **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 |

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| | removing the cap. |
| **Antibody Registry ID** | AB_2939648 |
| **UniProt ID** | O70293<br>UniProt Summary: Specifically phosphorylates the activated forms of G protein-coupled receptors. Such receptor phosphorylation initiates beta-arrestin-mediated receptor desensitization, internalization, and signaling events leading to their desensitization. Seems to be involved in the desensitization of D2-like dopamine receptors in striatum and chemokine receptor CXCR4 which is critical for CXCL12-induced cell chemotaxis. Phosphorylates rhodopsin (RHO) (in vitro) and a non G-protein-coupled receptor, LRP6 during Wnt signaling (in vitro). |
| **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** | 26385 |

## Product Images




Anti-GRK6A/B Antibody FL490 Conjugate