

Product Datasheet

Anti-TrpC1 Antibody FL594 Conjugate



Overview

| | |
|---------------------------|--|
| Catalog # | 75-278-FL594 |
| Conjugate | FL594 Ex: 594 nm, Em: 615 nm |
| Isotype | IgG1 |
| Clone Number | 1F1 |
| Size | 200 µL |
| Concentration | 0.5 mg/mL |
| Host Species | Mouse Monoclonal |
| Format | Purified by Protein A chromatography |
| Buffer | PBS with 0.09% azide |
| Applications | ICC |
| Species Reactivity | Human, Mouse, and Rat |
| Immunogen | Fusion protein amino acids 27-306 (cytoplasmic N-terminus) of human TRPC1 (accession number P48995) produced recombinantly in E. Coli. |
| Molecular Weight | 80-90 kDa |
| Cite this Antibody | Antibodies Inc Cat# 75-278-FL594, RRID: AB_2939990 |

Details

| | |
|------------------------------|---|
| Target Description | Short transient receptor potential channel 1 or TrpC1 is encoded by the gene TRPC1. TrpC1 belongs to the transient receptor family, a group of membrane bound ion channels that have a relatively non-selective permeability to cations, including sodium, calcium and magnesium. TrpC1 expression seems to be ubiquitous, and is widely expressed in throughout the brain. |
| Specificity | Does not cross-react with TRPC4 (based on KO validation results) |
| Purification Method | 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. |
| Quality Control Tests | 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. |

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

Note: For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, viewable on our website.