

Product Datasheet

Anti-TRAK1 Antibody FL650 Conjugate



Overview

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| Catalog # | 75-371-FL650 |
| Conjugate | FL650 Ex: 655 nm, Em: 676 nm |
| Isotype | IgG2b |
| Clone Number | N389/9 |
| 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, IHC |
| Species Reactivity | Human and Rat |
| Immunogen | Fusion protein amino acids 1-110 (N-terminus) of human TRAK1 (accession number Q9UPV9) produced recombinantly in E. Coli |
| Molecular Weight | 100 kDa |
| Cite this Antibody | Antibodies Inc Cat# 75-371-FL650, RRID: AB_2940243 |

Details

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| Target Description | Trafficking kinesin-binding protein 1 or O-Linked N-Acetylglucosamine Transferase Interacting Protein 106 is encoded by the gene TRAK1. TRAK1 is involved in mitochondrial motility and regulation of endosome-to-lysosome trafficking. TRAK1 can bind both kinesin and dynein. TRAK1 is ubiquitously expressed in tissues. Diseases associated with this gene include Early Infantile Epileptic Encephalopathy and Undetermined Early-Onset Epileptic Encephalopathy. |
| Specificity | Does not cross-react with TRAK2 |
| 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 IHC on either rat or mouse brain 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 removing the cap. |

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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.

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