

Product Datasheet

Anti-TRAK1 Antibody FL594 Conjugate



Overview

Catalog #	75-371-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 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-FL594, RRID: AB_2940242

Details

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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